

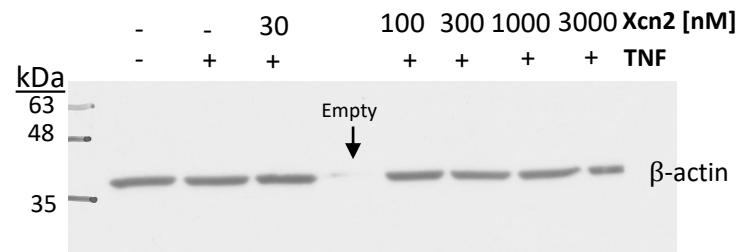
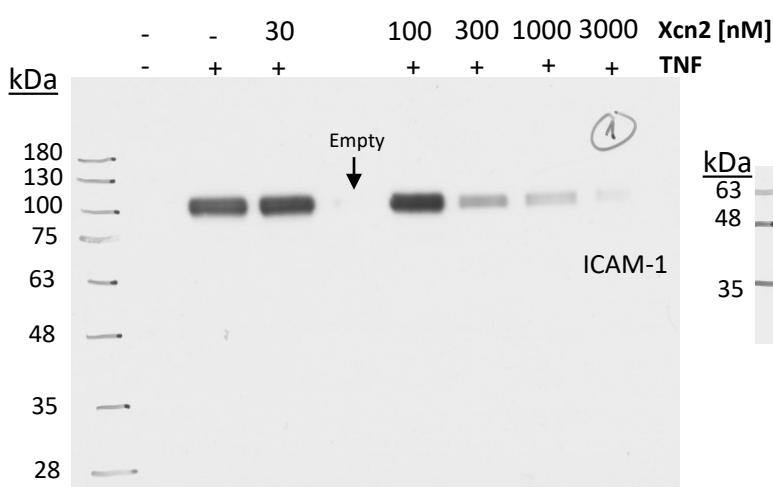
**Xenocoumarin 2 reduces protein biosynthesis and
inhibits inflammatory- and angiogenesis-related
processes in endothelial cells**

**Supplementary File
for
Western Blot Images**

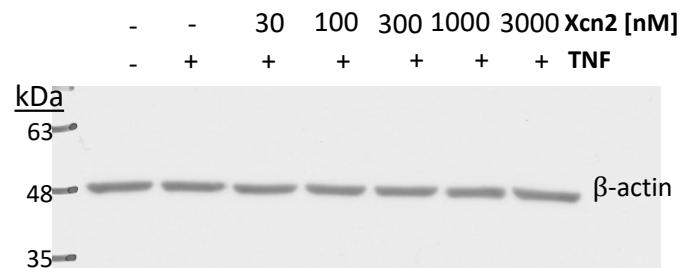
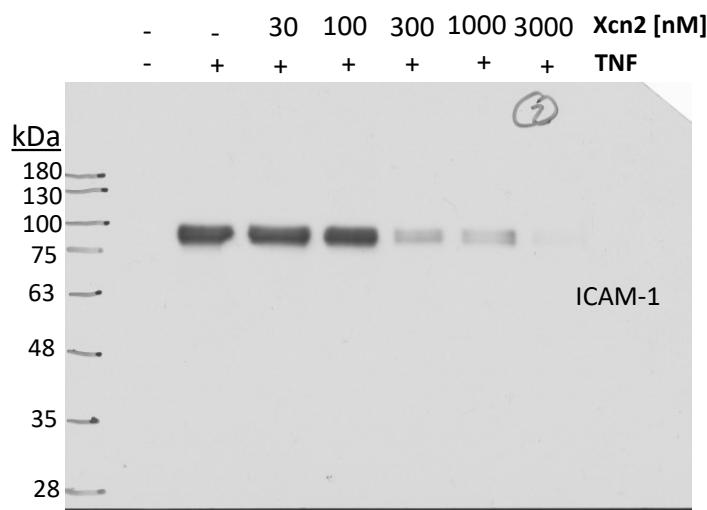
Figure 2B

ICAM-1 level induced by TNF

Blot 1



Blot 2



Blot 3

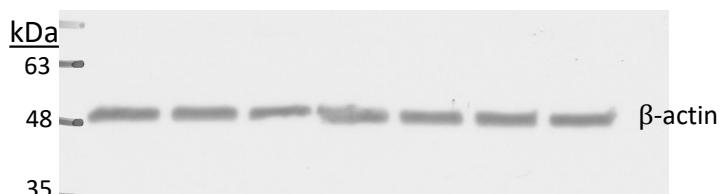
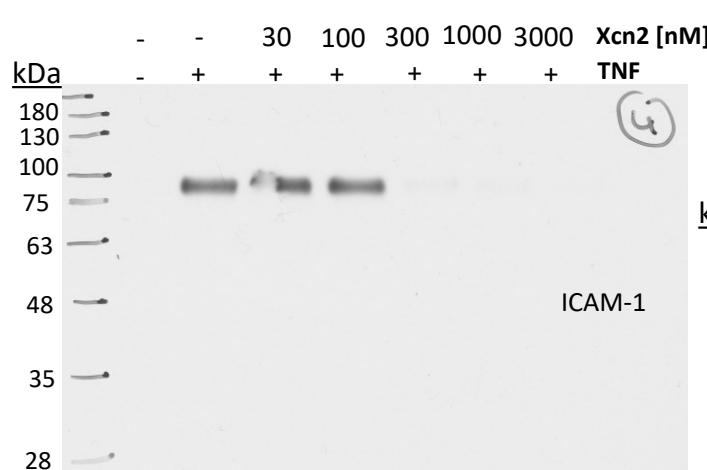
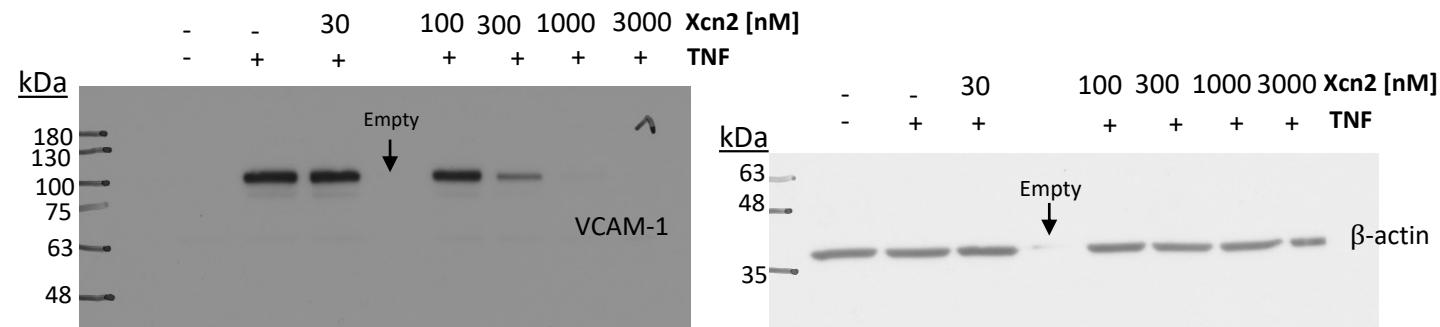
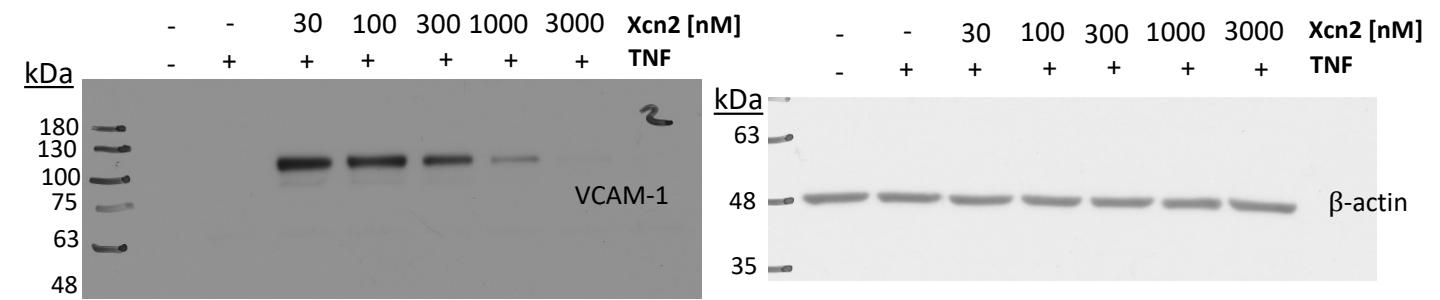


Figure 2B VCAM-1 level induced by TNF

Blot 1



Blot 2



Blot 3

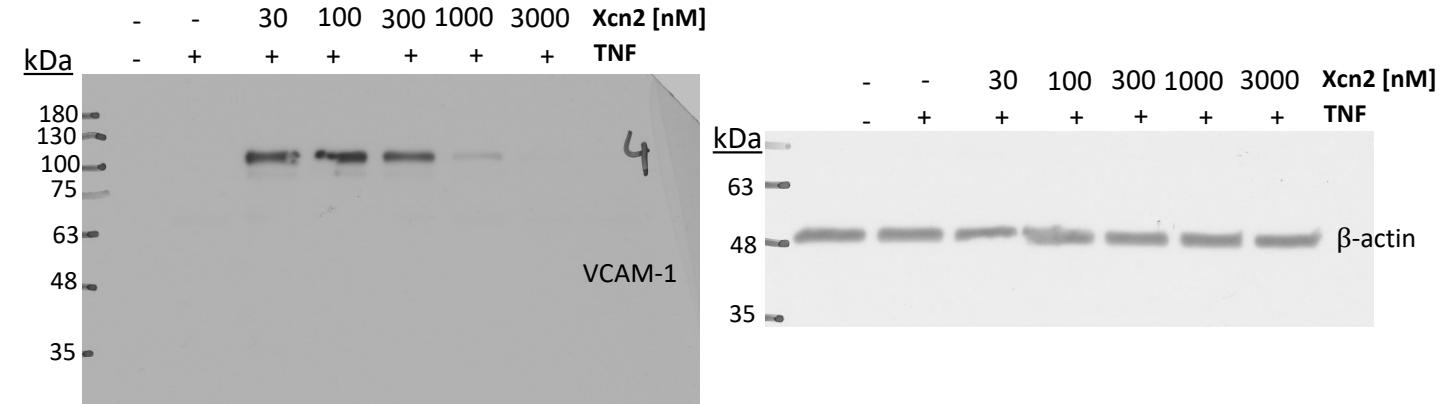
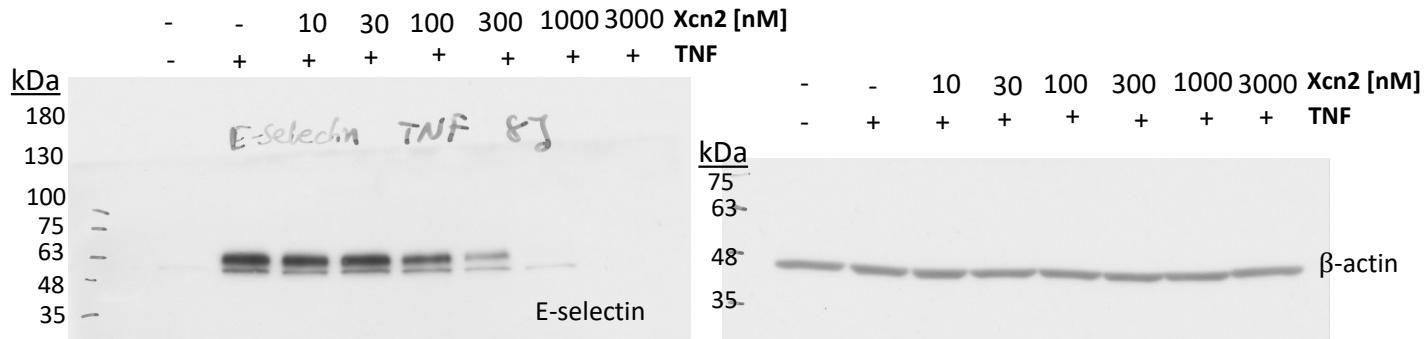
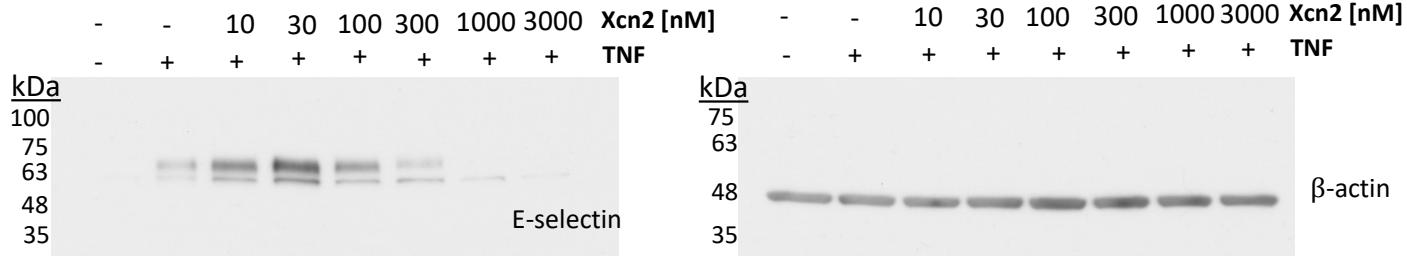


Figure 2B E-selectin induced by TNF

Blot 1



Blot 2



Blot 3

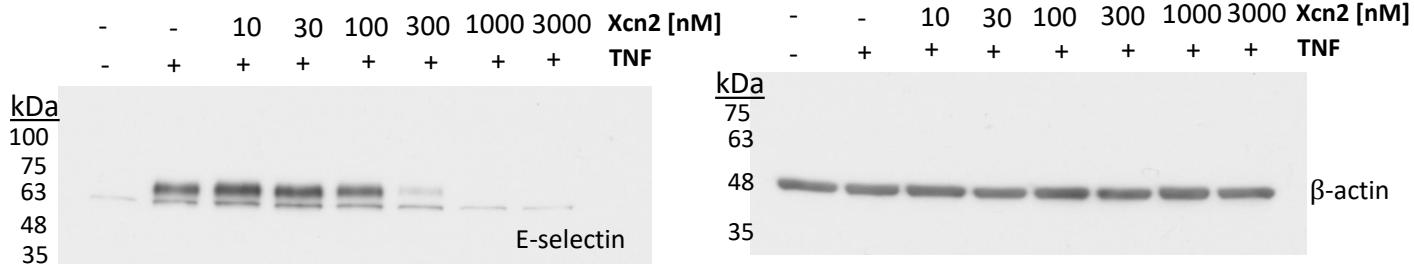
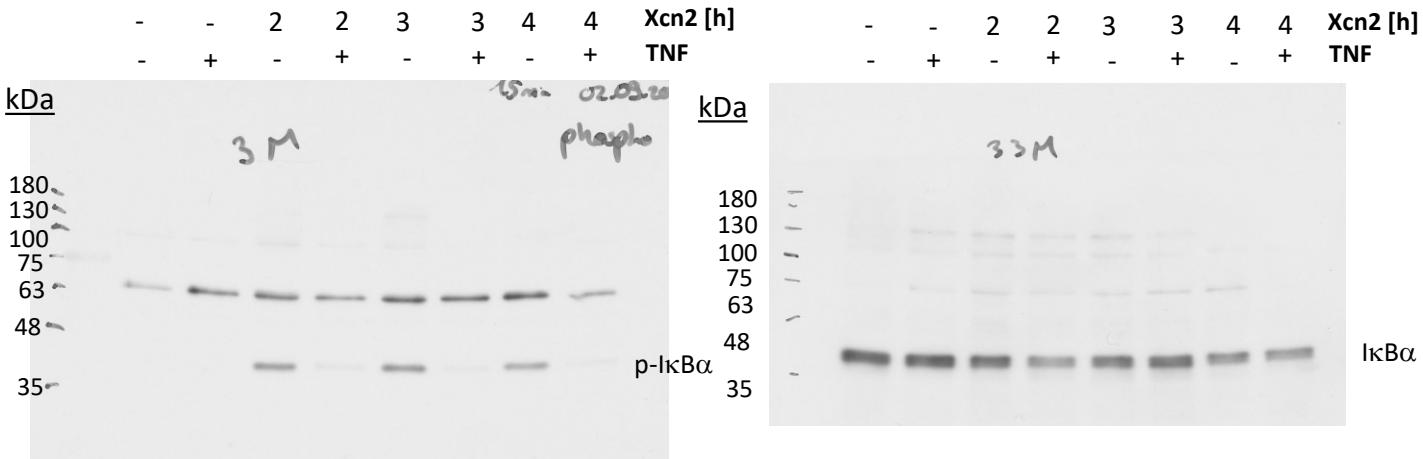


Figure 3C

p-I κ B α (6 h Xcn2 preincubation)

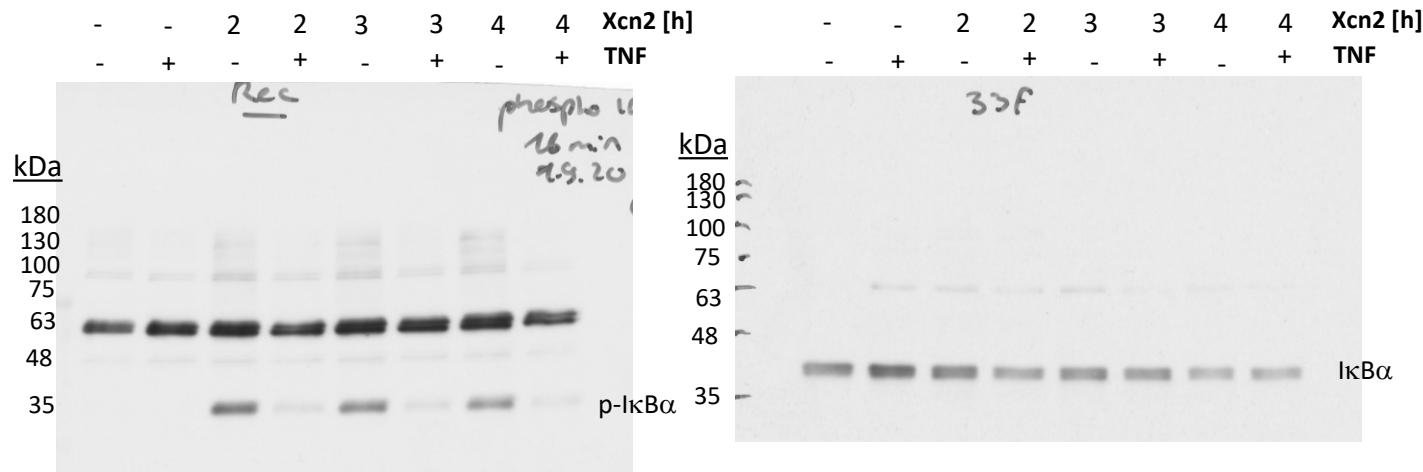
Blot 1



-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	TNF



Blot 2



-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	TNF

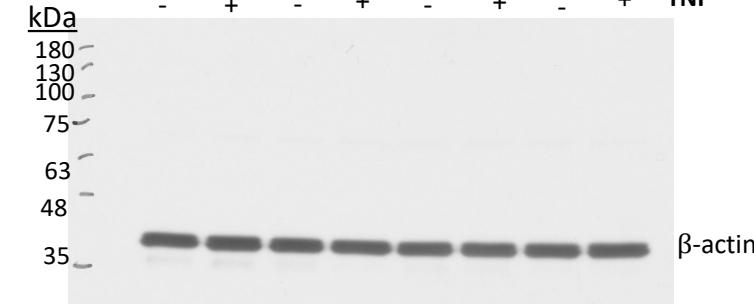
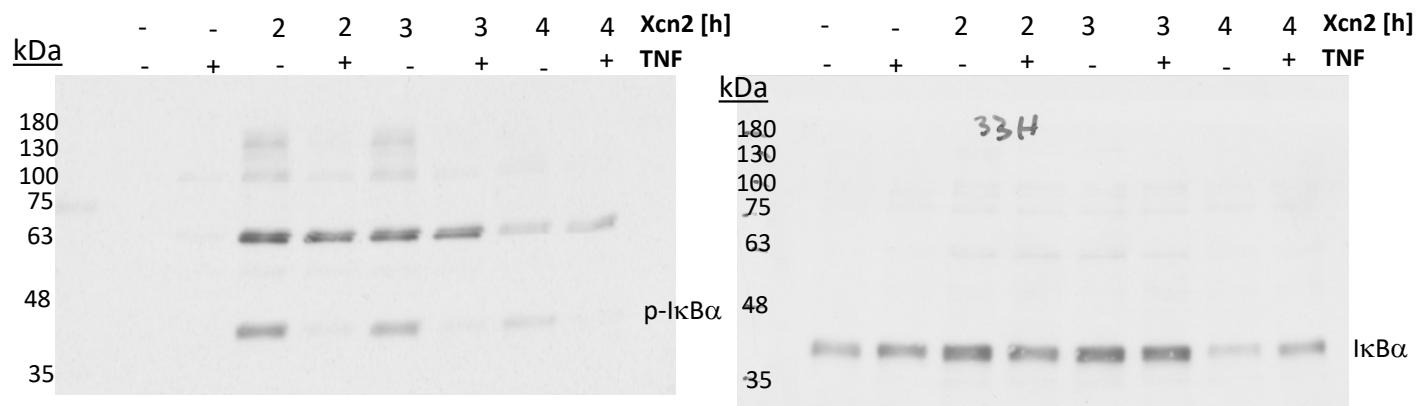
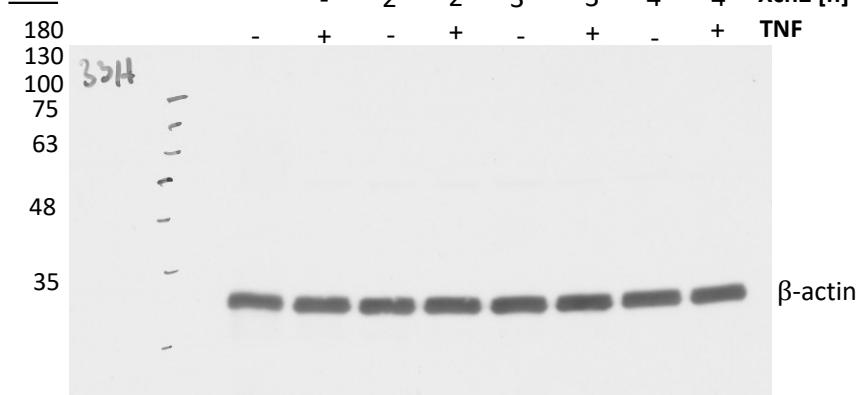


Figure 3C p-I κ B α (6 h Xcn2 preincubation)

Blot 3



Blot 3



Blot 4

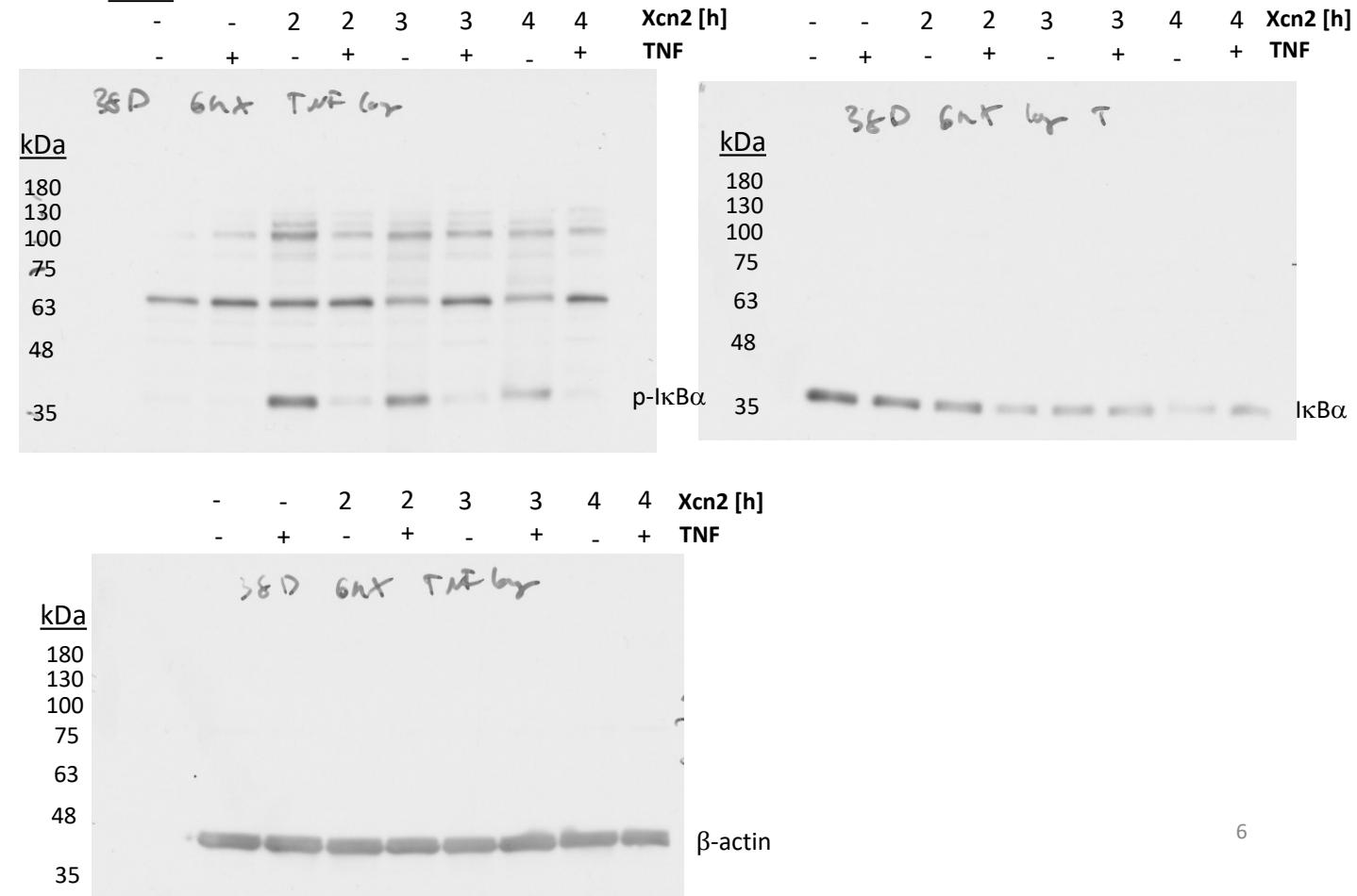


Figure 3C p-I κ B α (6 h Xcn2 preincubation)

Blot 5

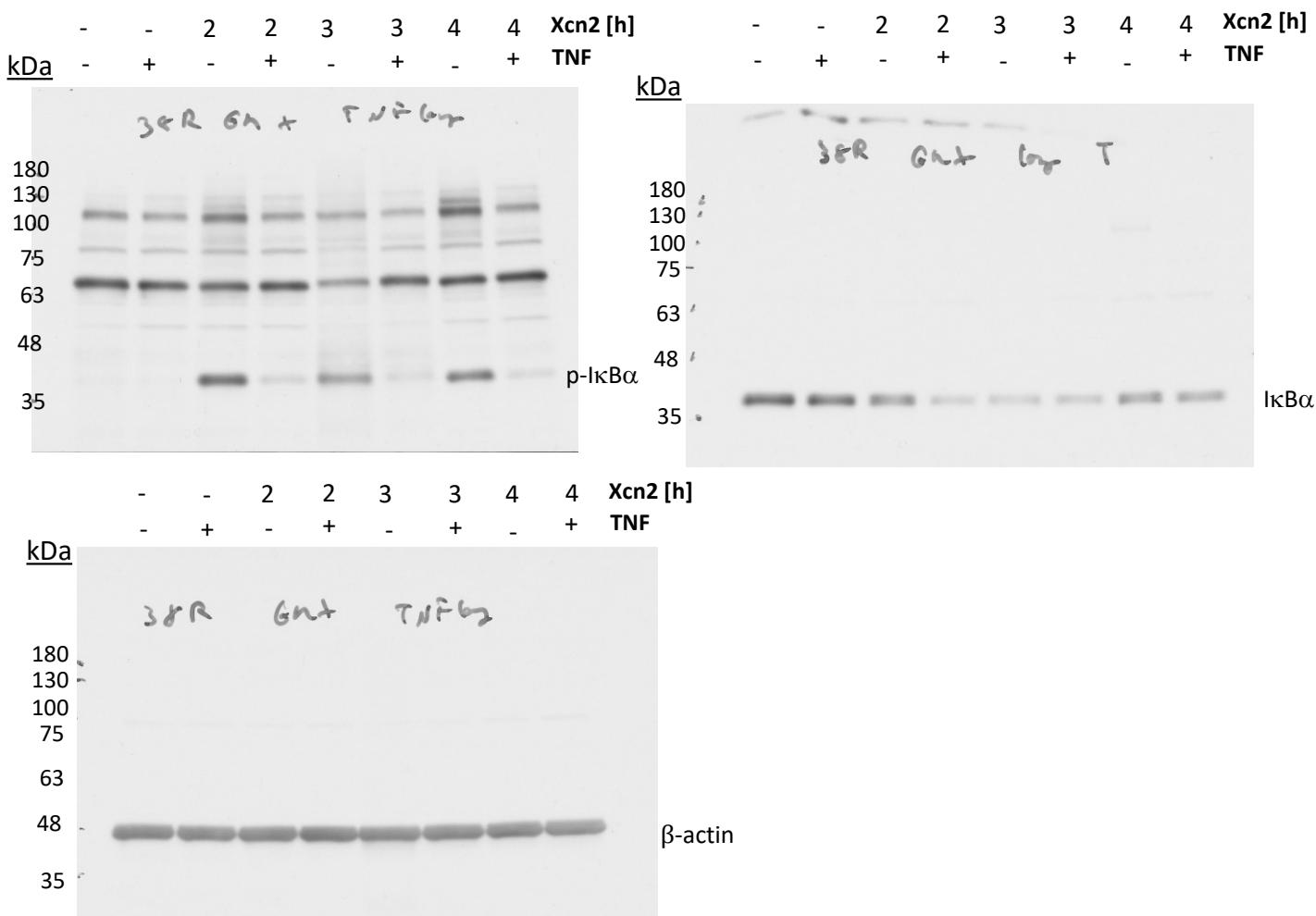
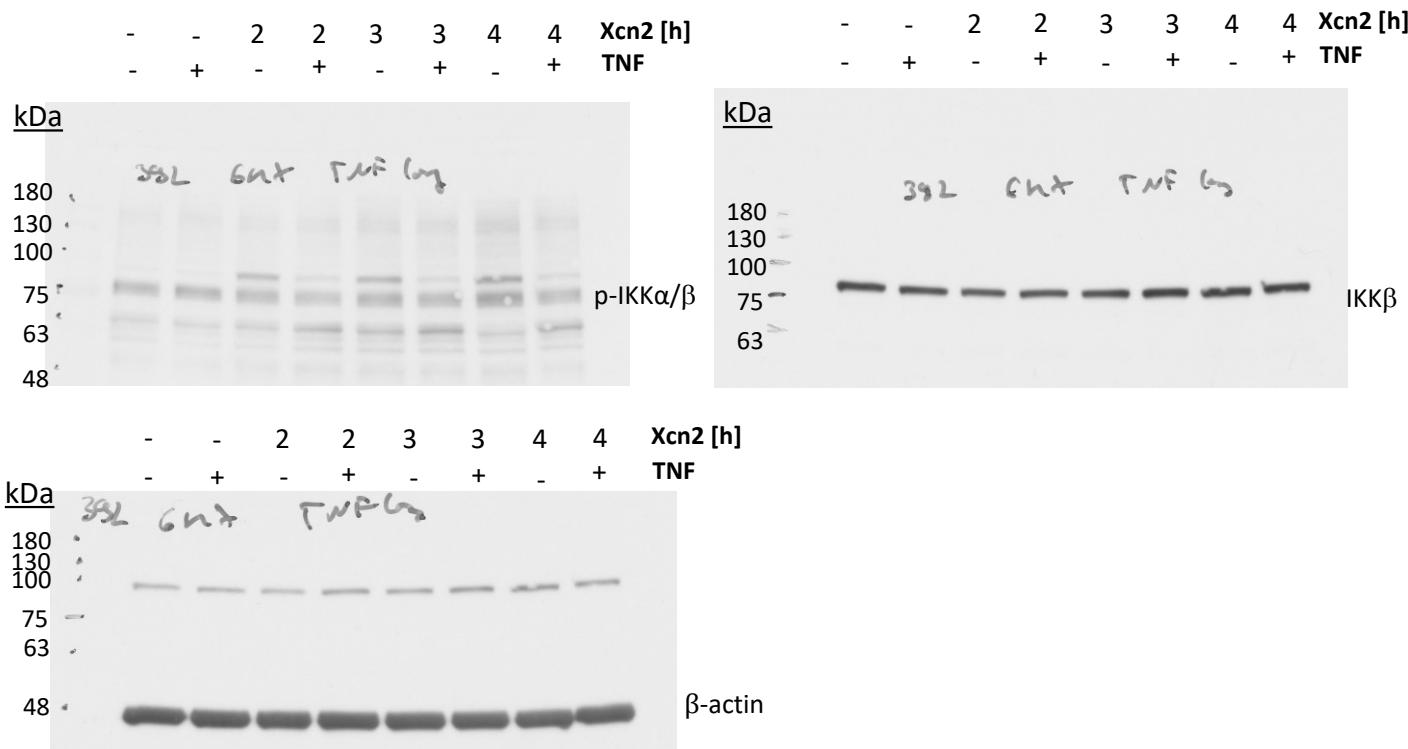


Figure 3D p-IKK α / β (6 h, TNF)

Blot 1



Blot 2

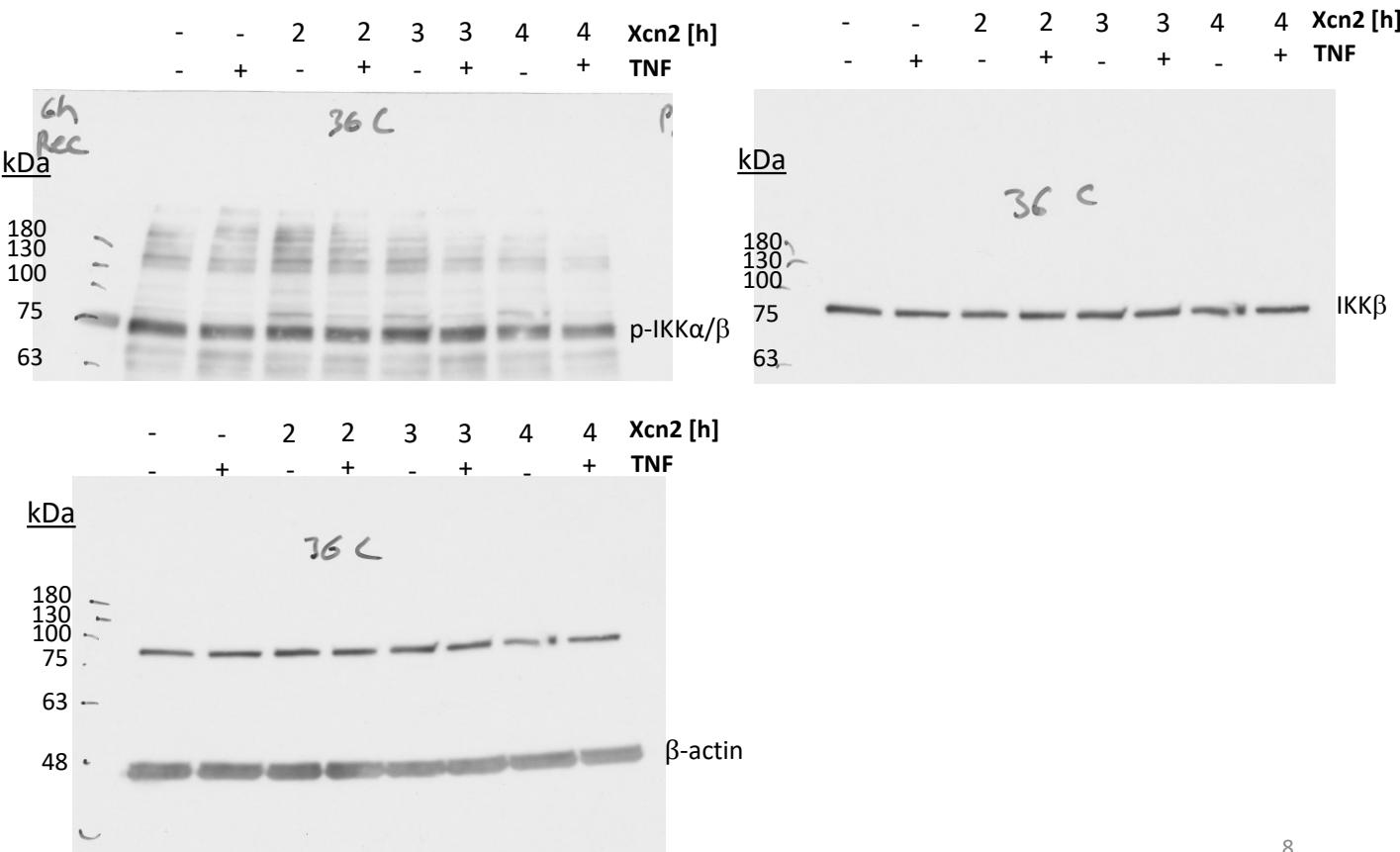
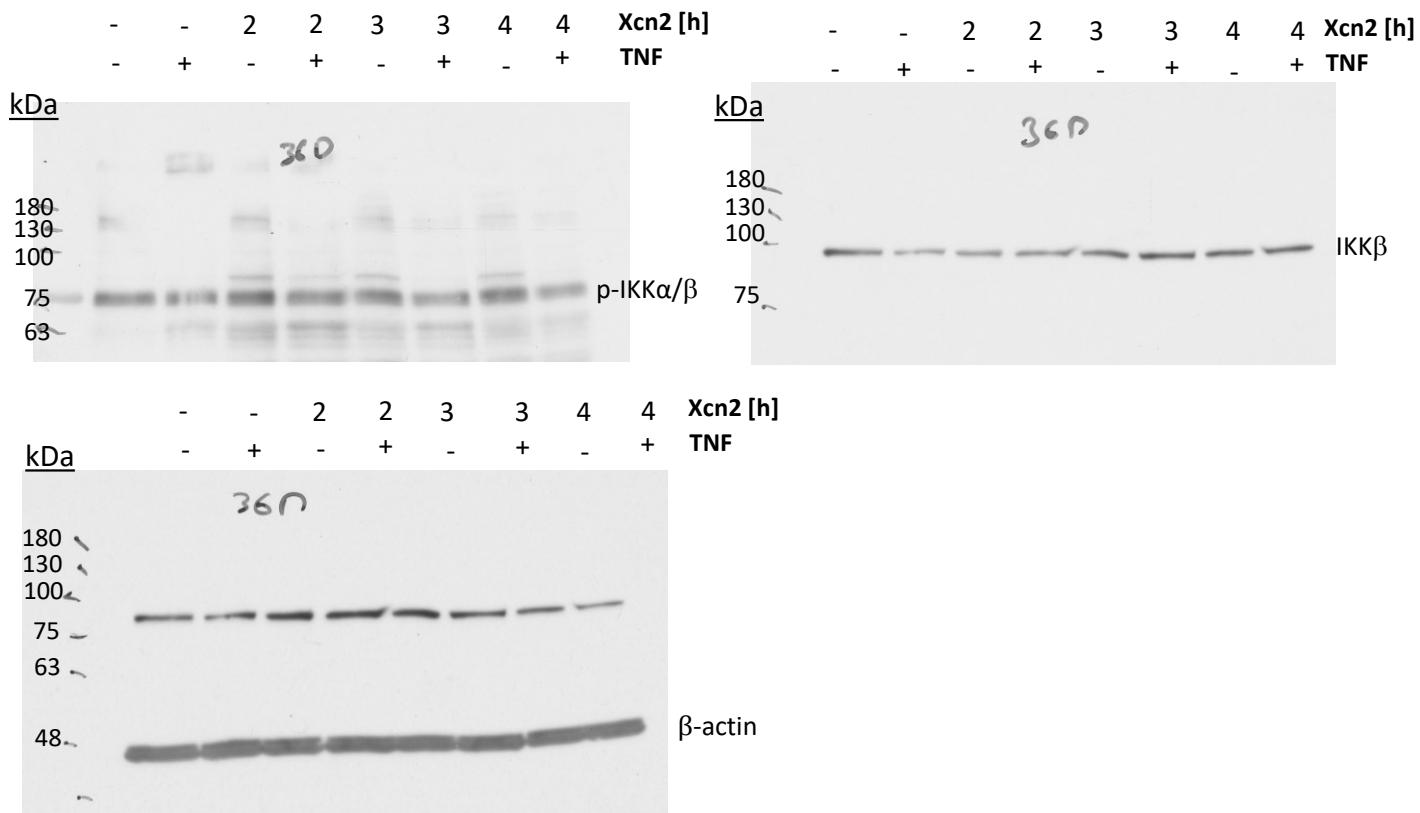


Figure 3D p-IKK α / β (6 h, TNF)

Blot 3



Blot 4

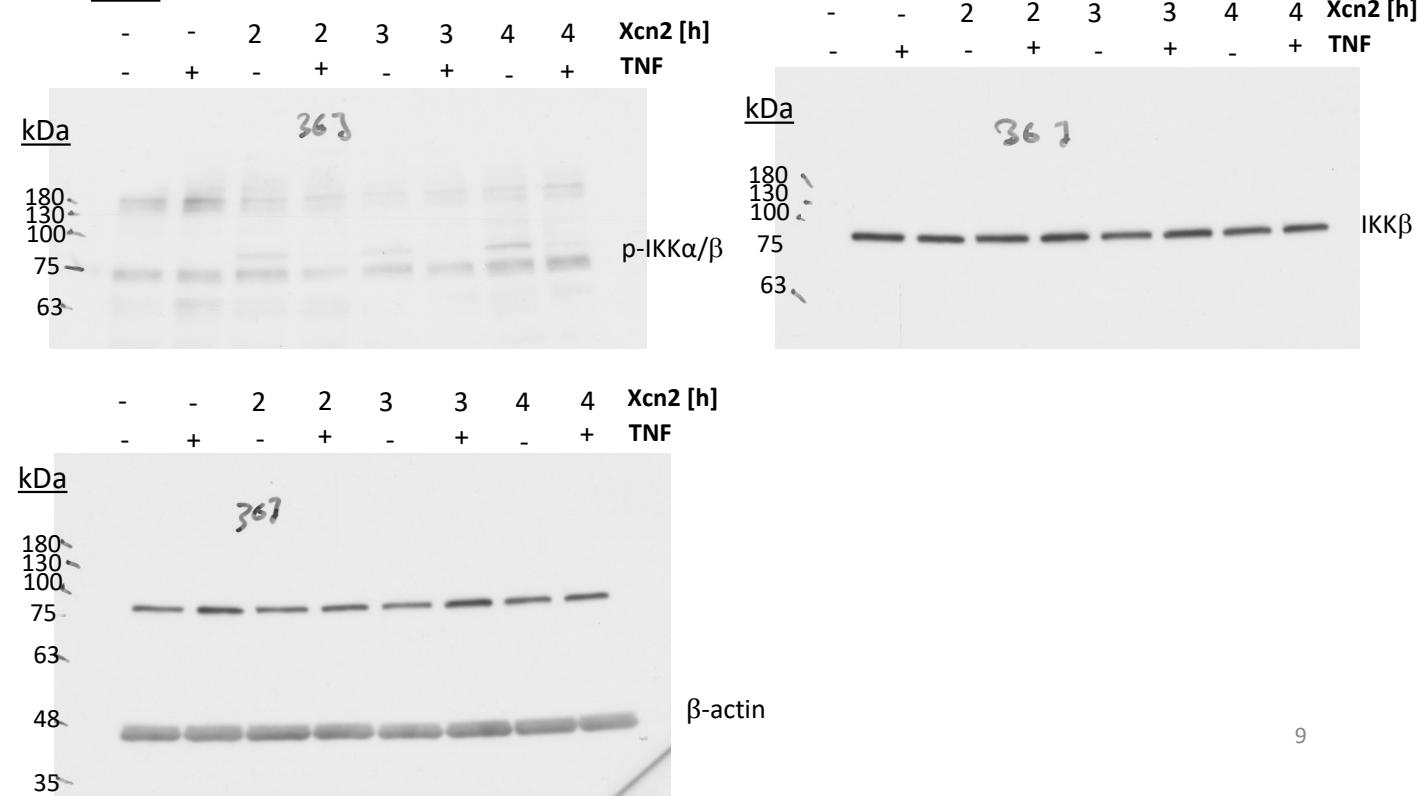


Figure 3D p-IKK α / β (6 h, TNF)

Blot 5

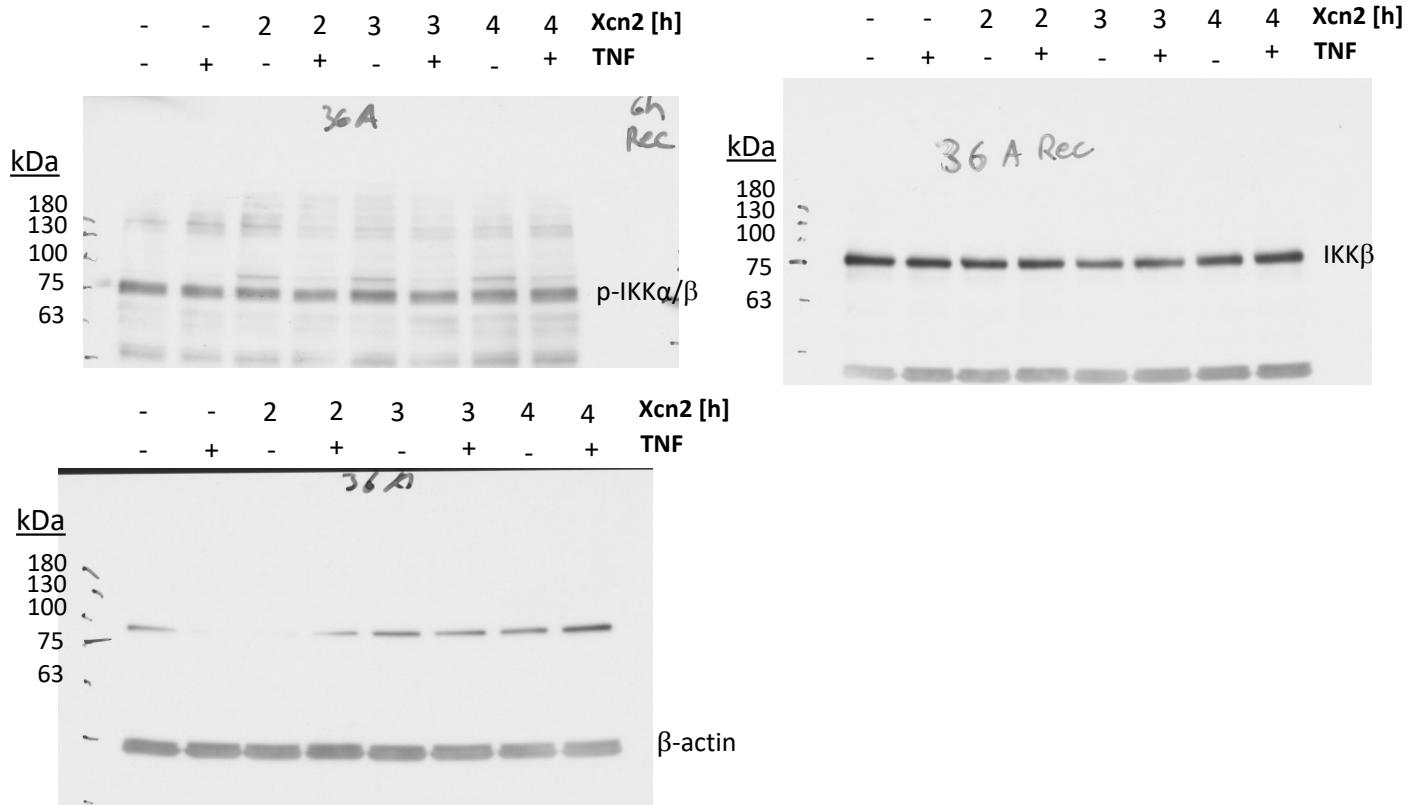
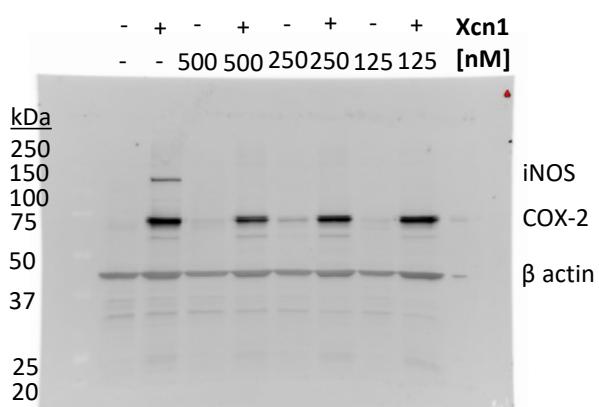


Figure 4G

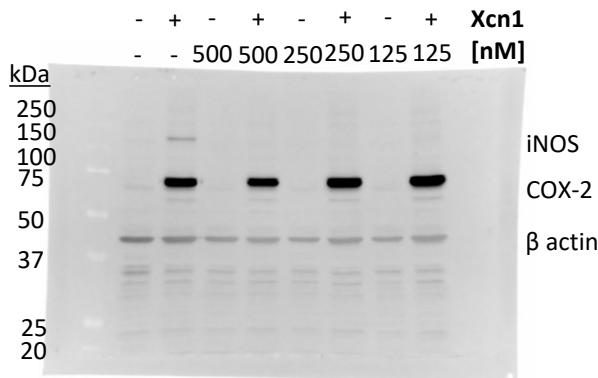
iNOS and COX-2 levels in RAW264.7 macrophages

Xcn1

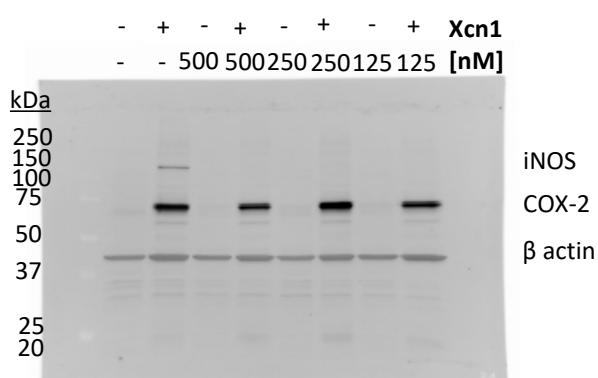
Blot 1



Blot 2

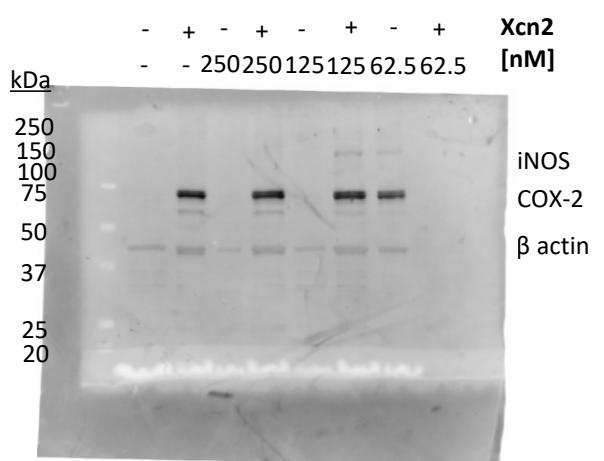


Blot 3

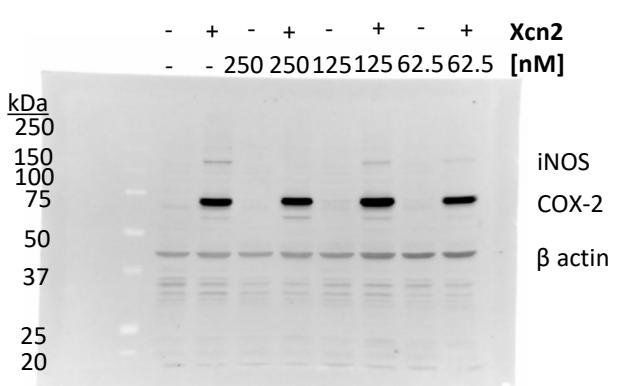


Xcn2

Blot 1



Blot 2



Blot 3

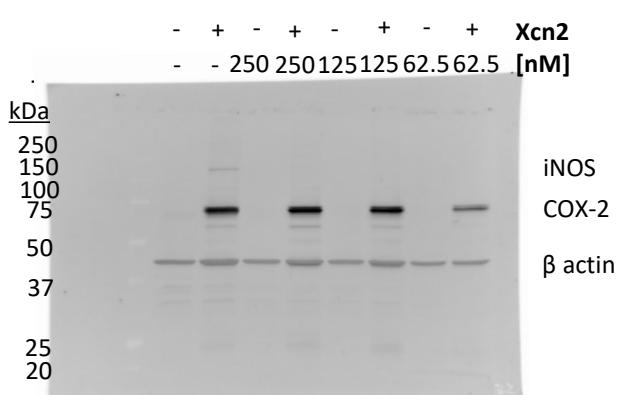
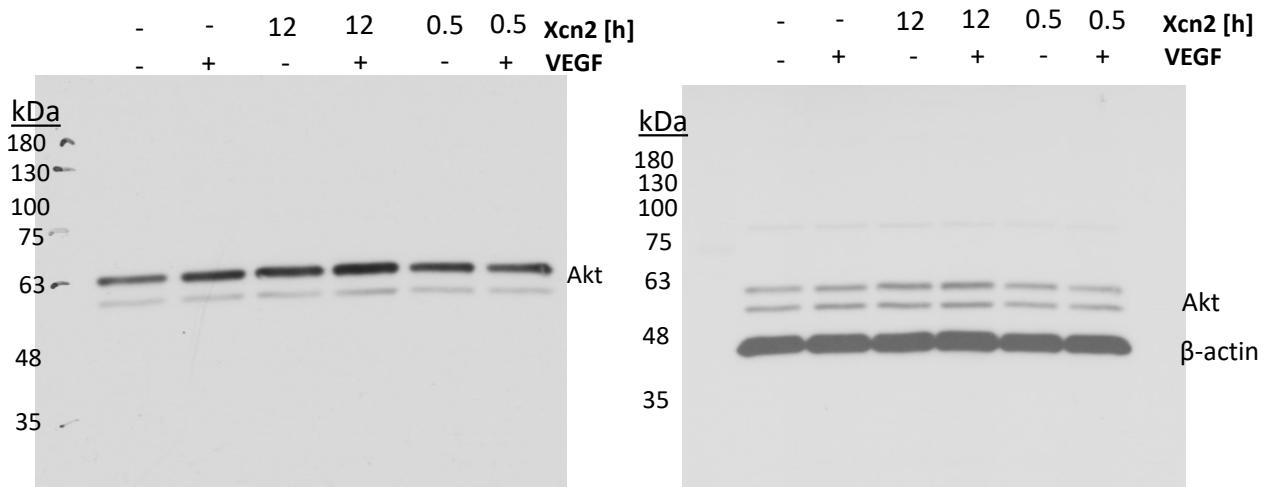


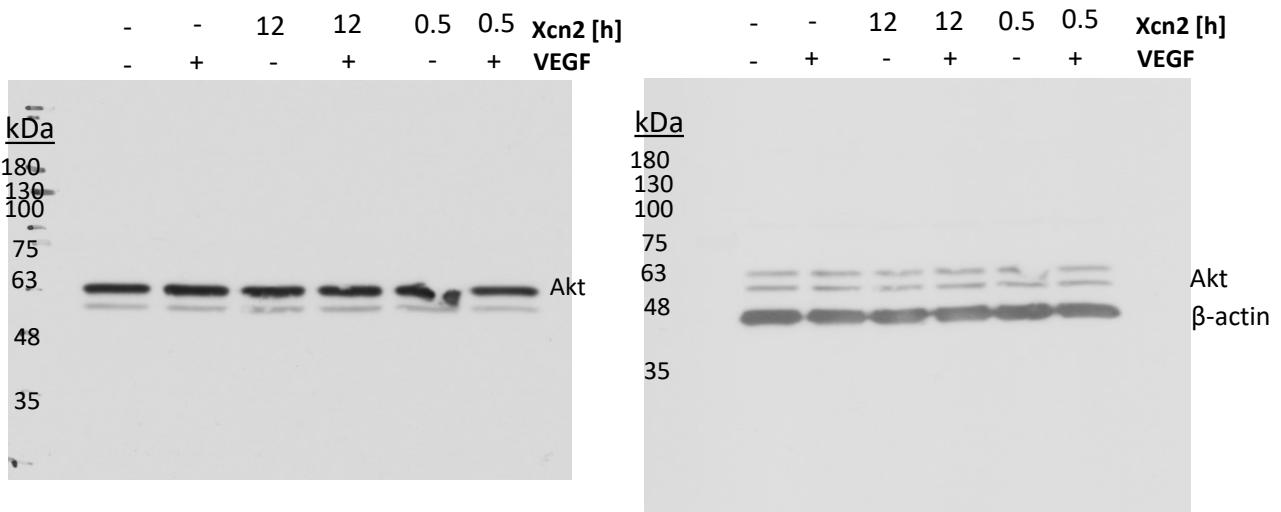
Figure 5F (left)

Akt, , Xcn2 1000 nM

Blot 1



Blot 2



Blot 3

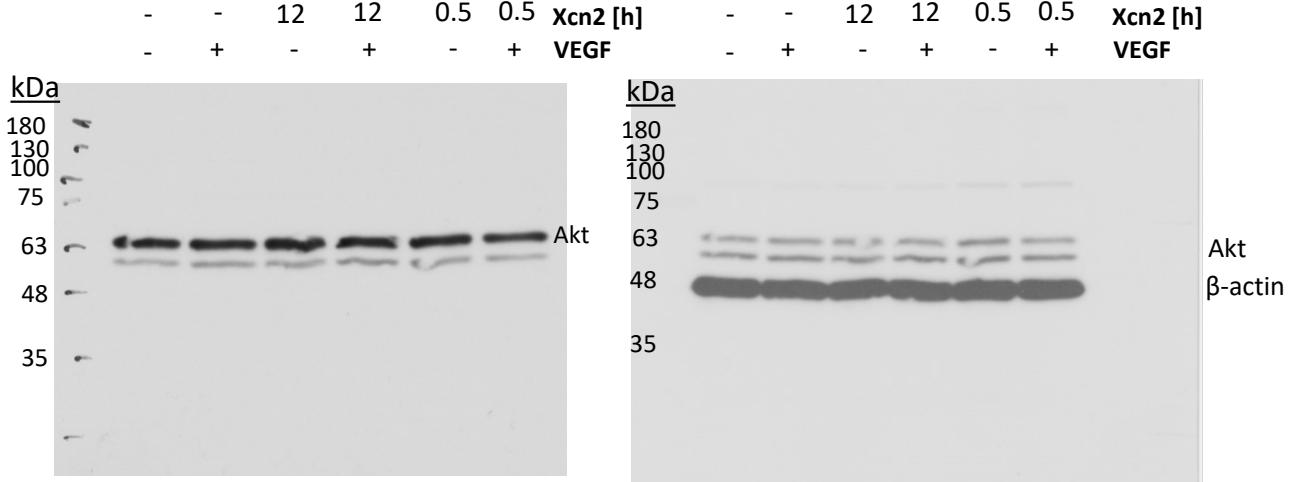
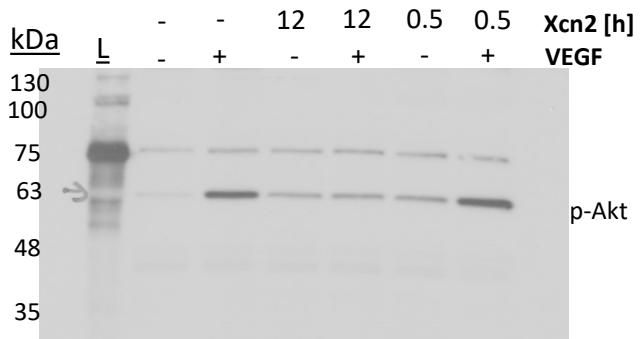
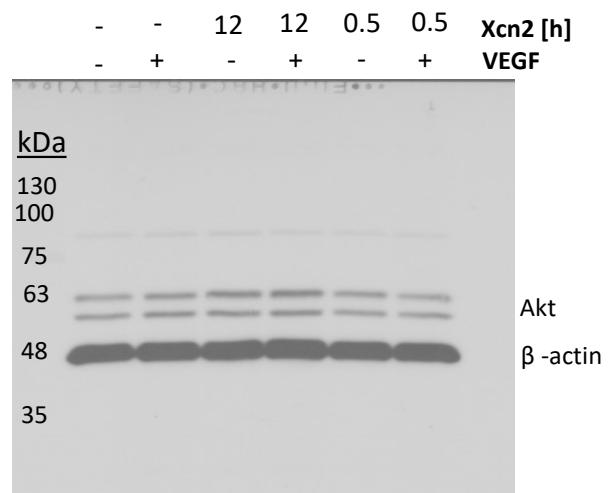


Figure 5F (left)

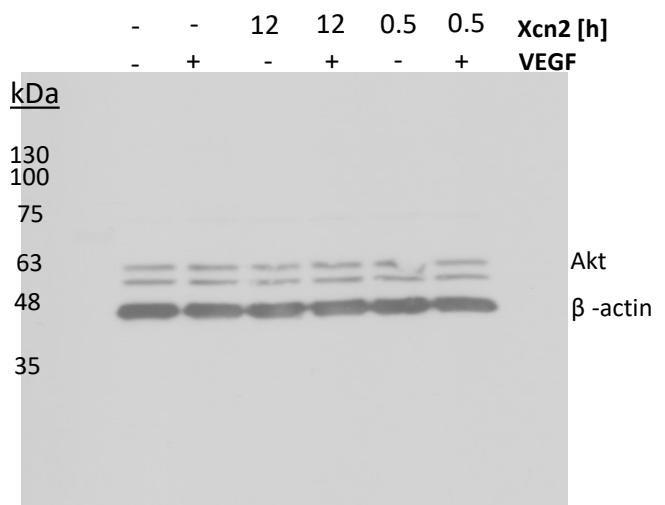
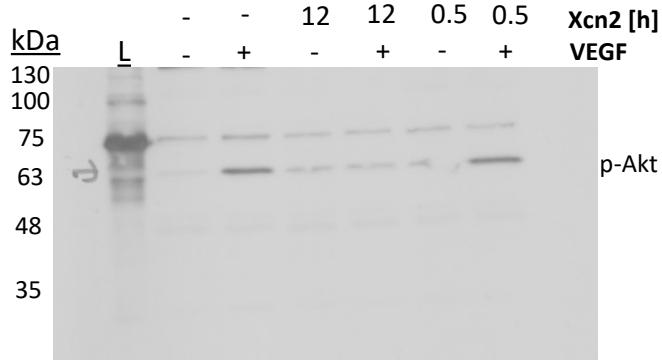
Blot 1



Phospho-Akt, Xcn2 1000 nM,
VEGF 10 ng/ml 5 min. induced



Blot 2



Blot 3

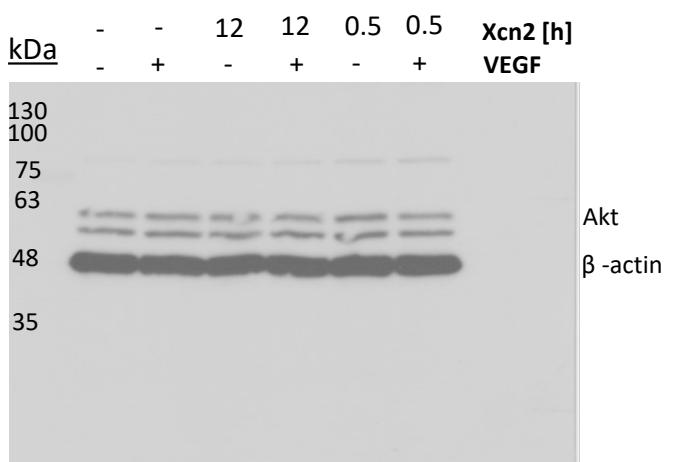
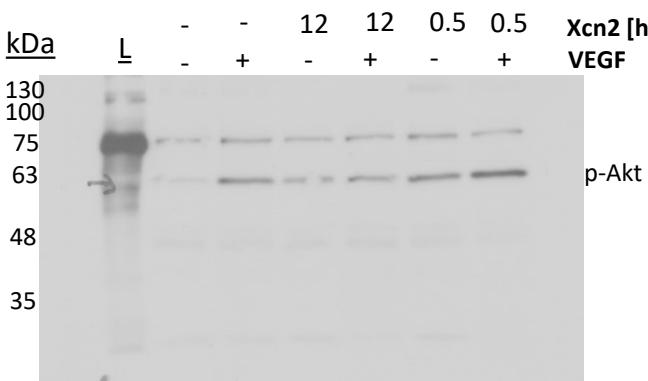
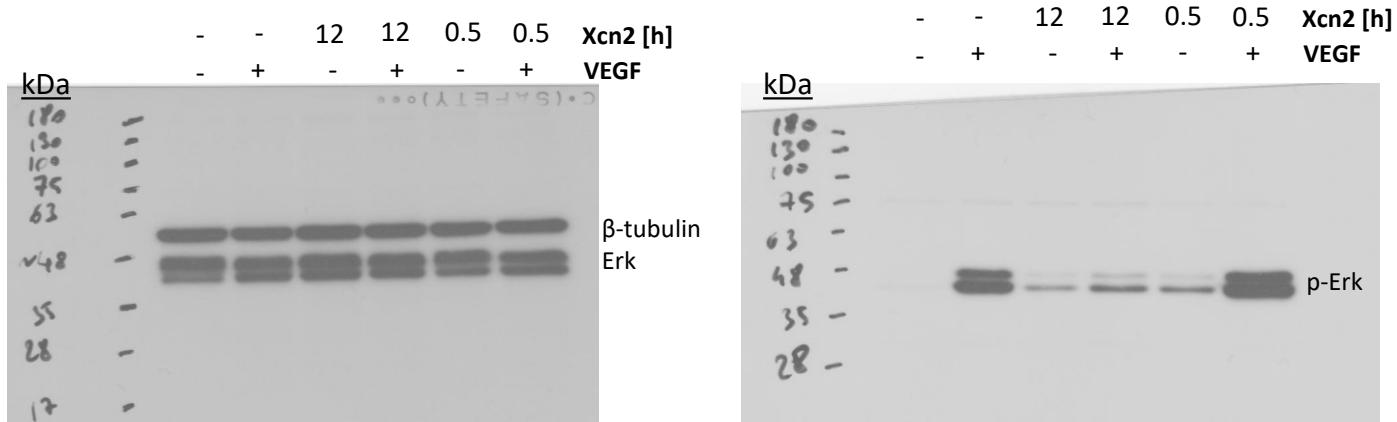


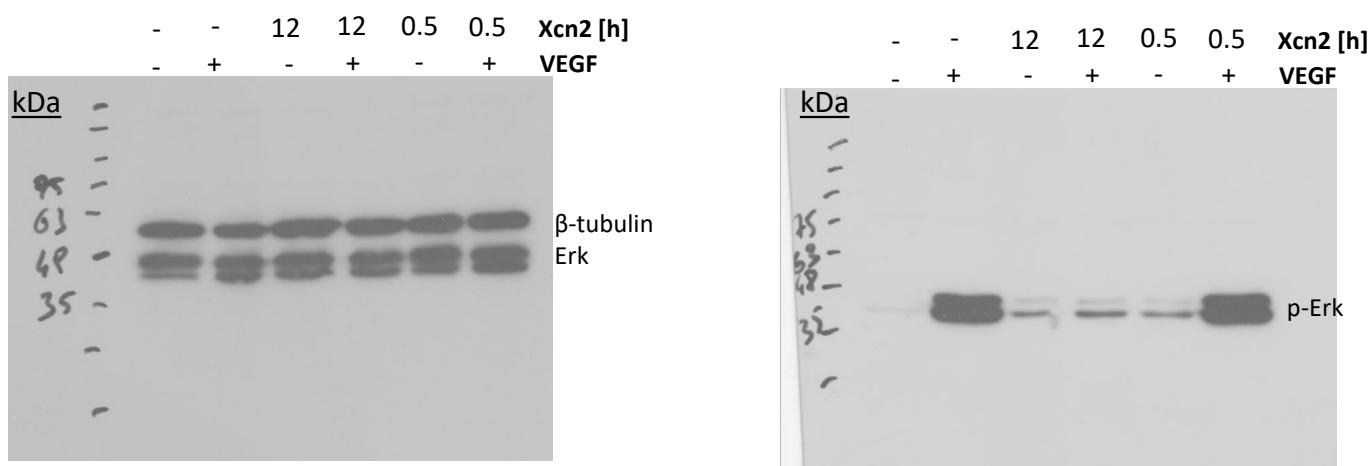
Figure 5F (right)

Erk1/2, phospho-Erk1/2, Xcn2 1000 nM,
VEGF 10 ng/ml 5 min. induced

Blot 1



Blot 2



Blot 3

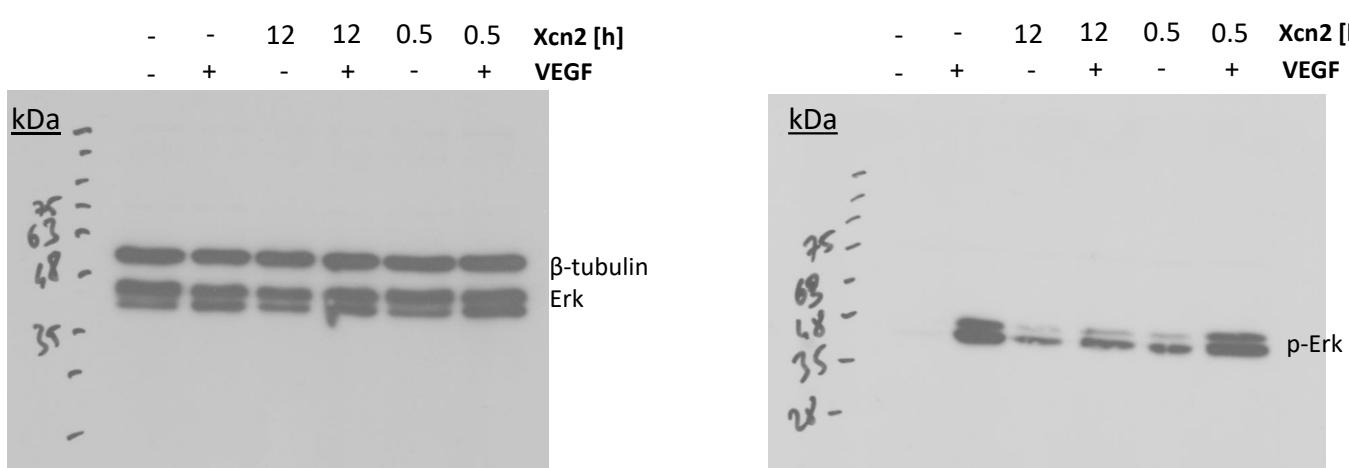
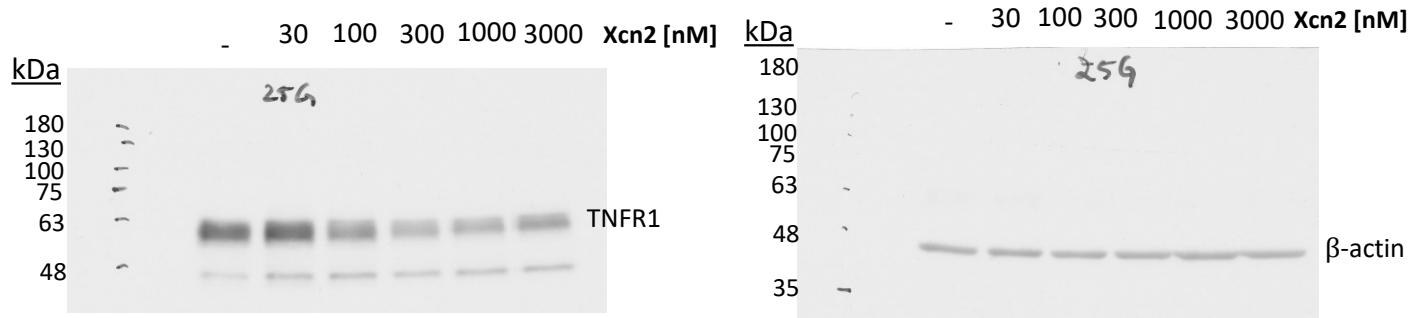
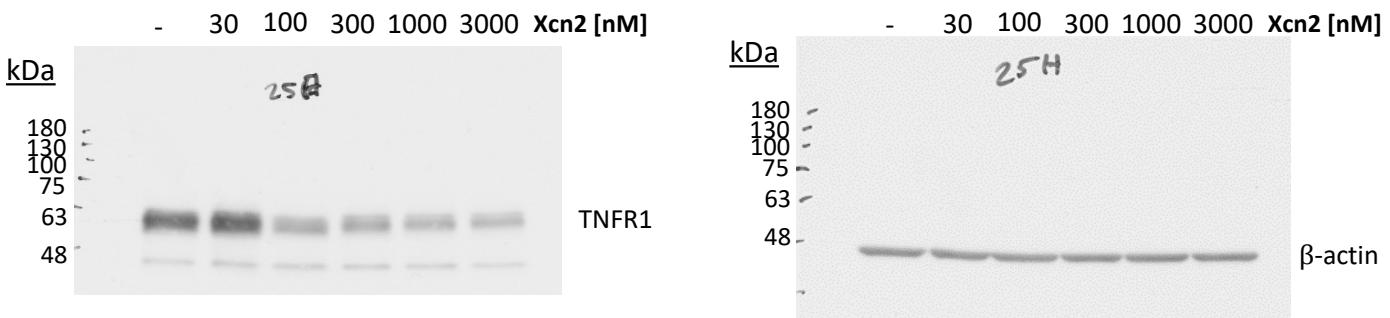


Figure 6C TNFR1 concentration range

Blot 1



Blot 2



Blot 3

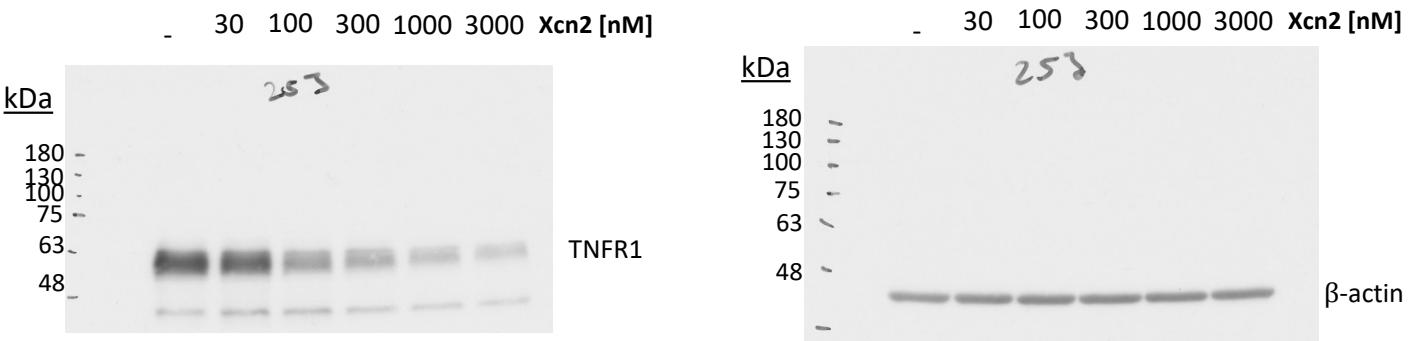
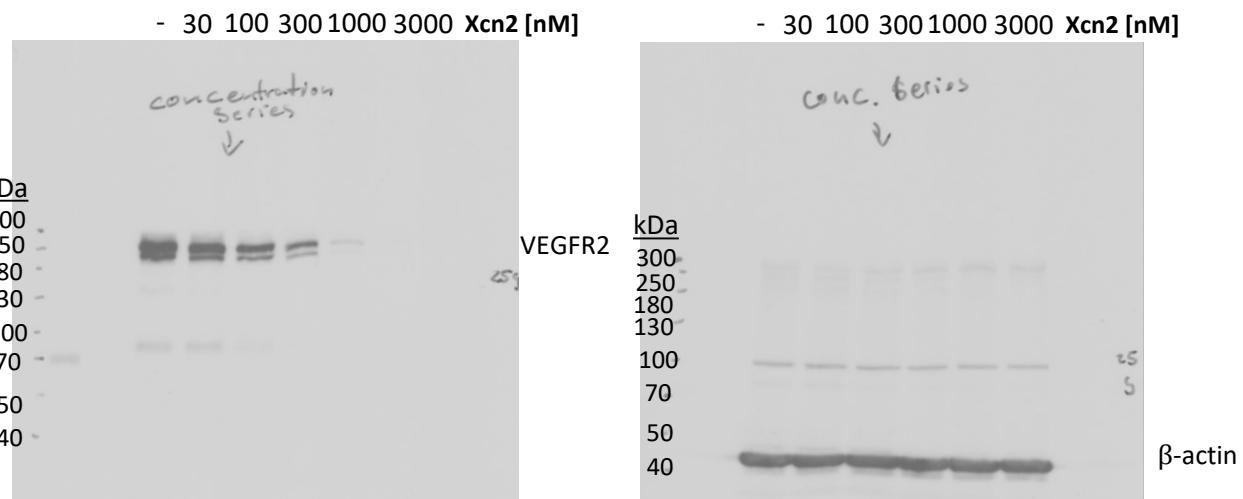


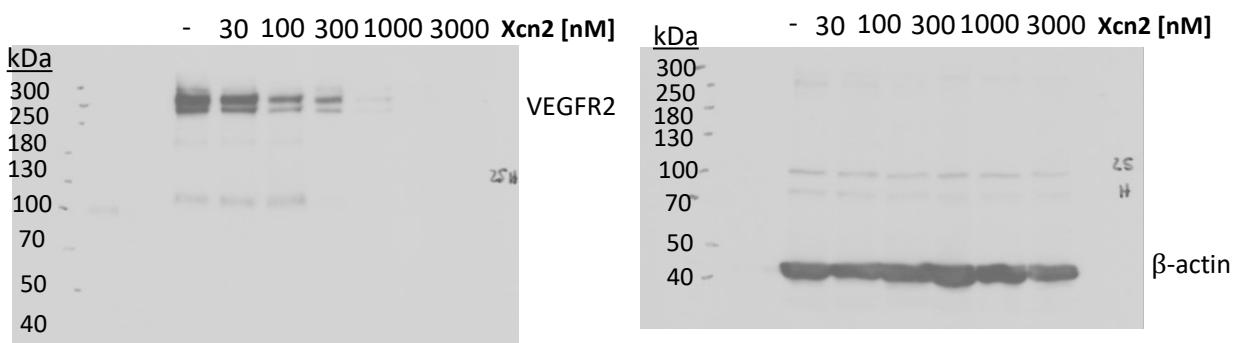
Figure 6D

VEGFR2 levels (Concentration Series, Xcn2 6h)

Blot 1



Blot 2



Blot 3

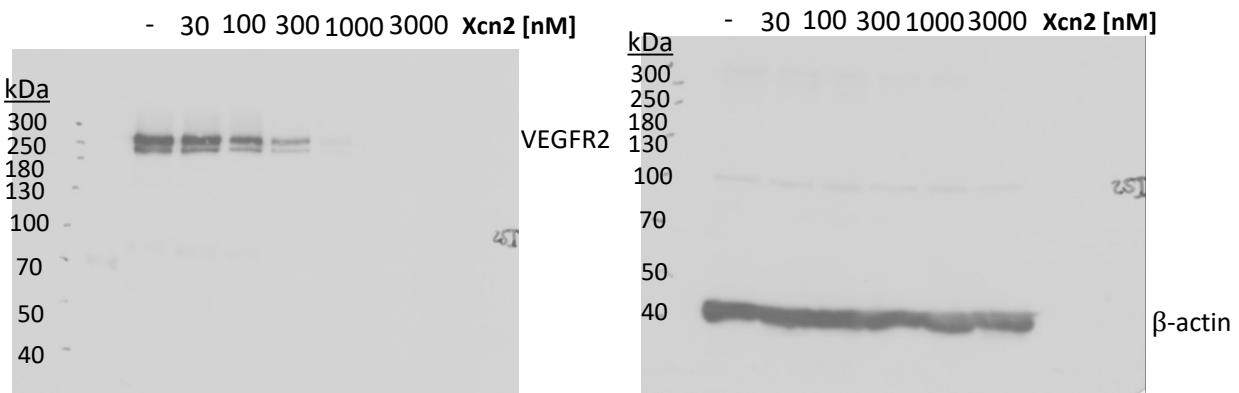
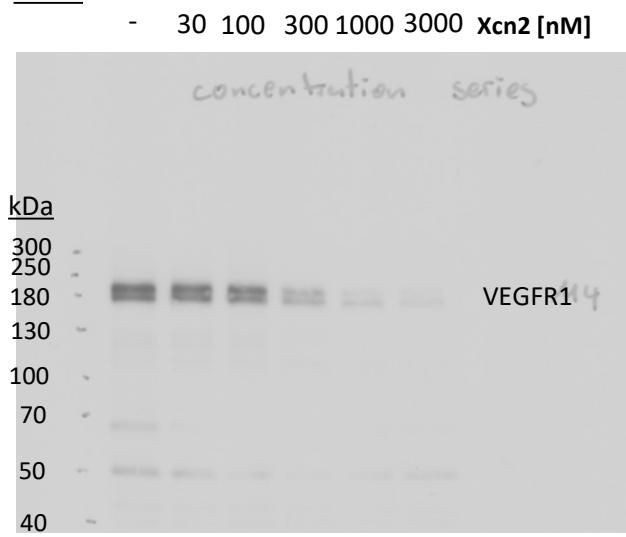


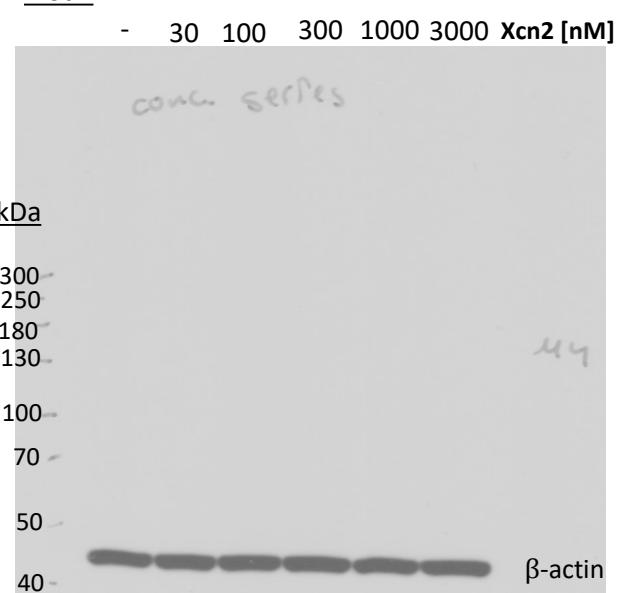
Figure 6E

VEGFR1 levels (Concentration Series, Xcn2 6h)

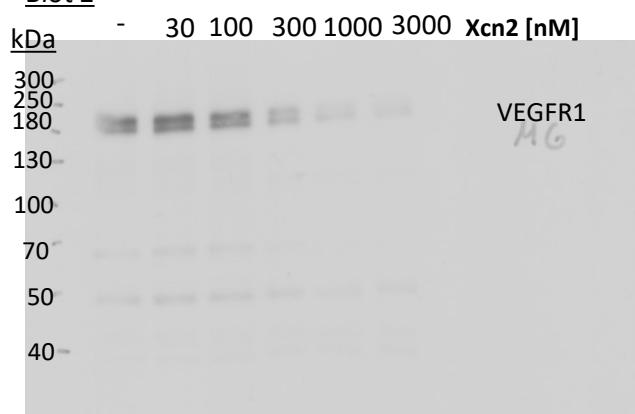
Blot 1



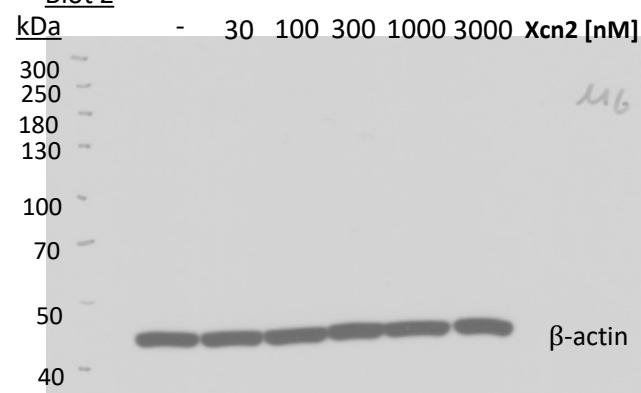
Blot 1



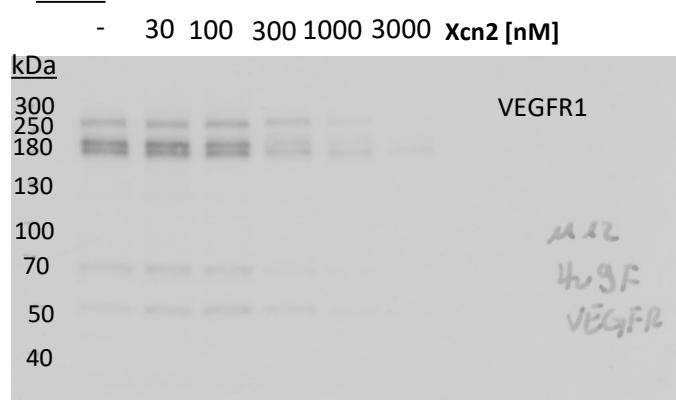
Blot 2



Blot 2



Blot 3



Blot 3

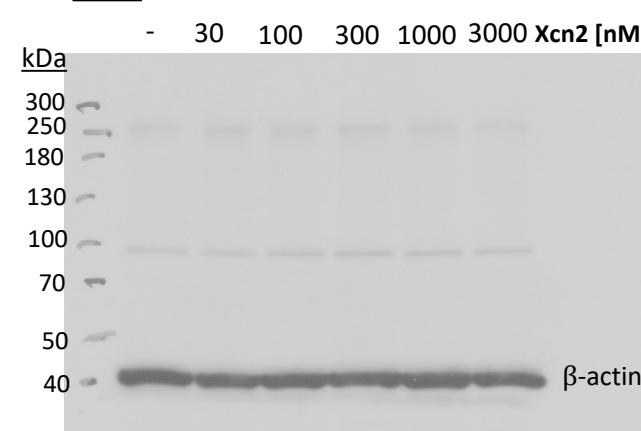
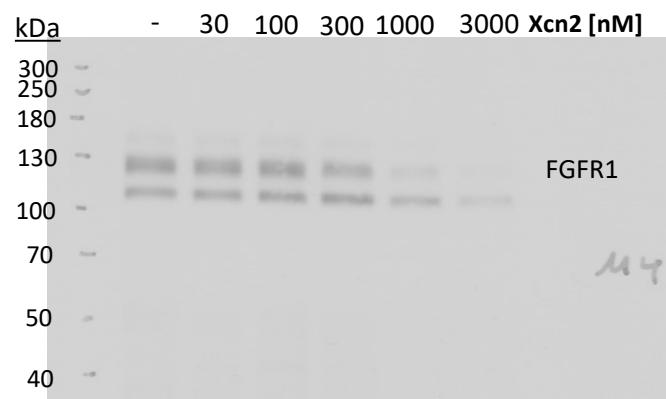


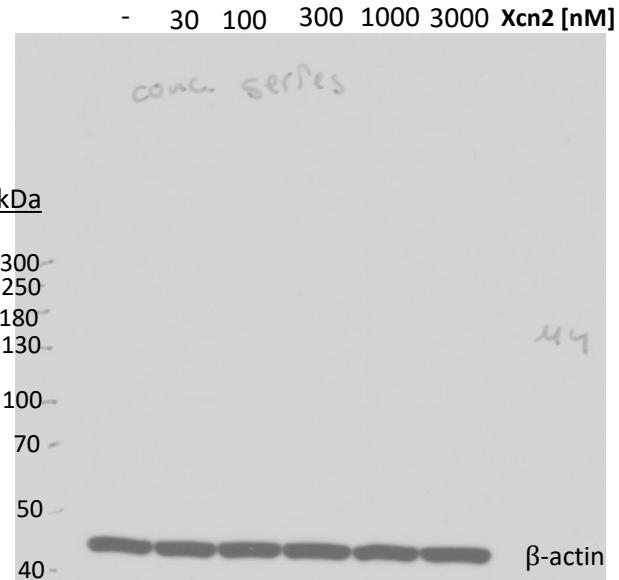
Figure 6F

FGFR1 levels (Concentration Series, Xcn2 6h)

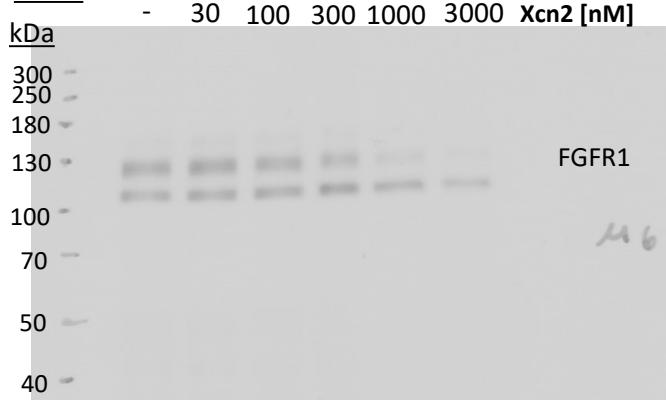
Blot 1



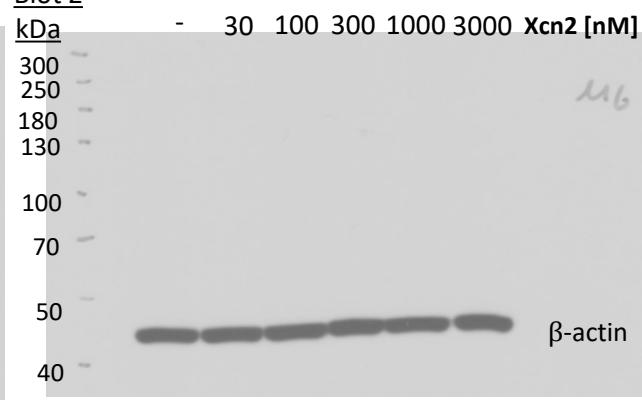
Blot 1



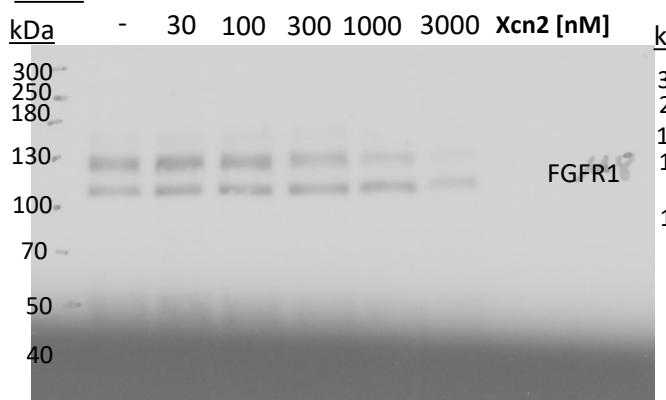
Blot 2



Blot 2



Blot 3



Blot 3

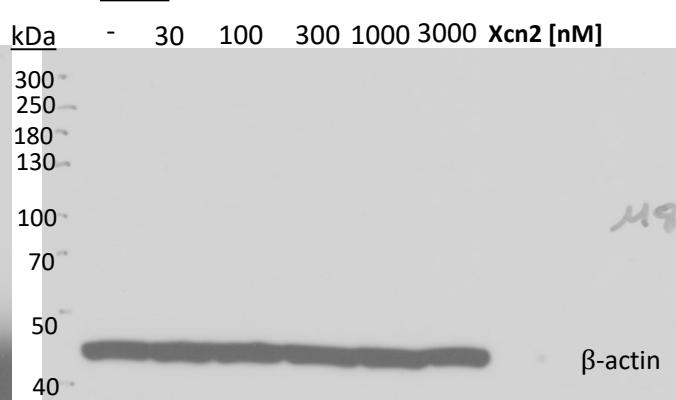
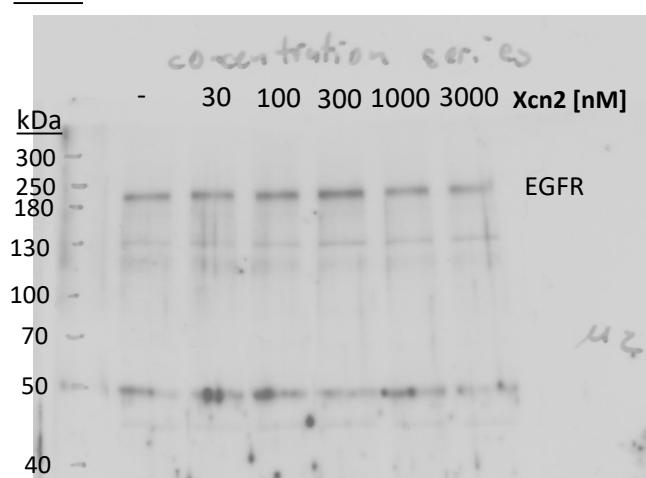


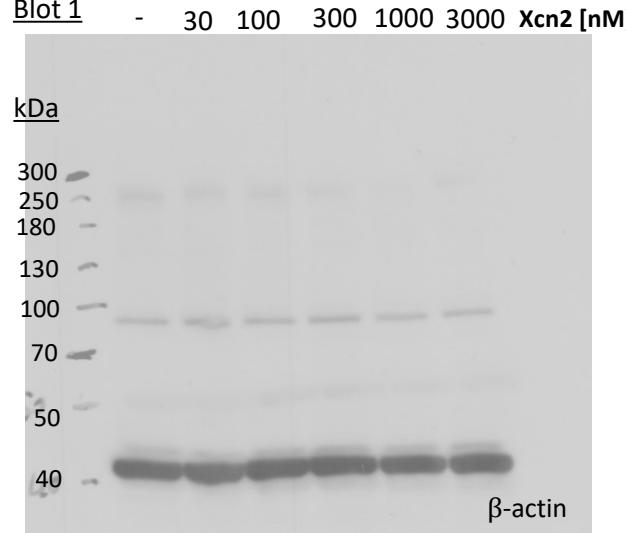
Figure 6G

EGFR levels (Concentration Series, Xcn2 6h)

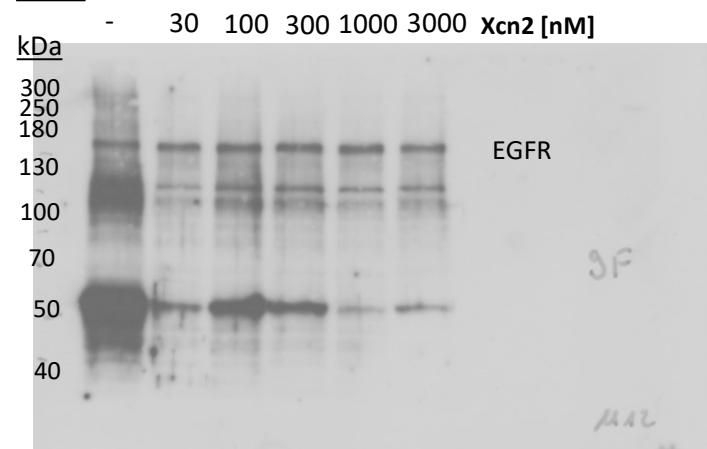
Blot 1



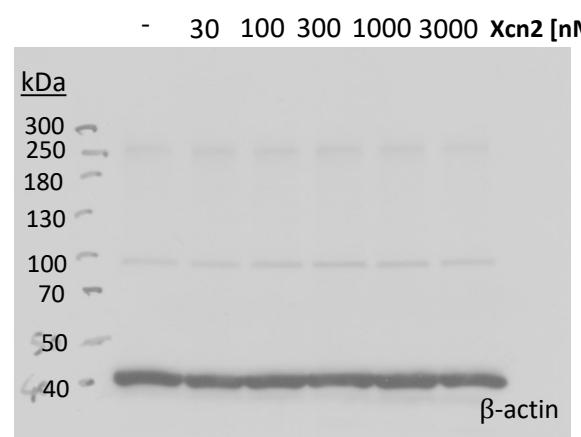
Blot 1



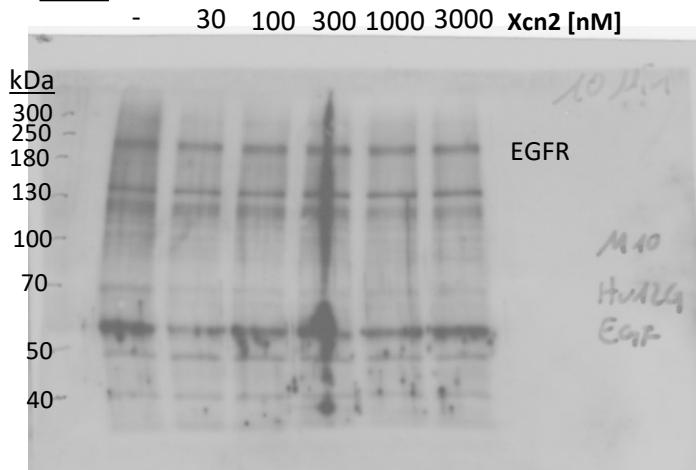
Blot 2



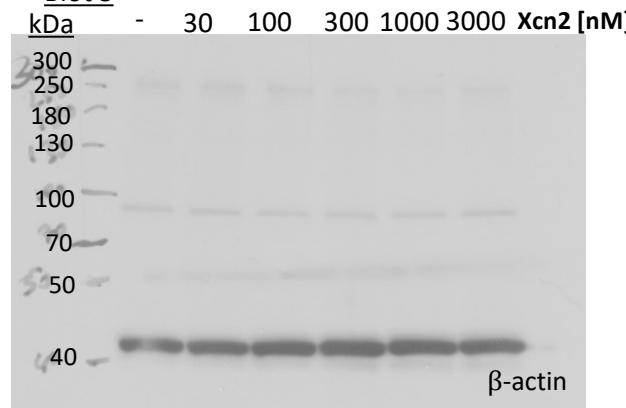
Blot 2



Blot 3

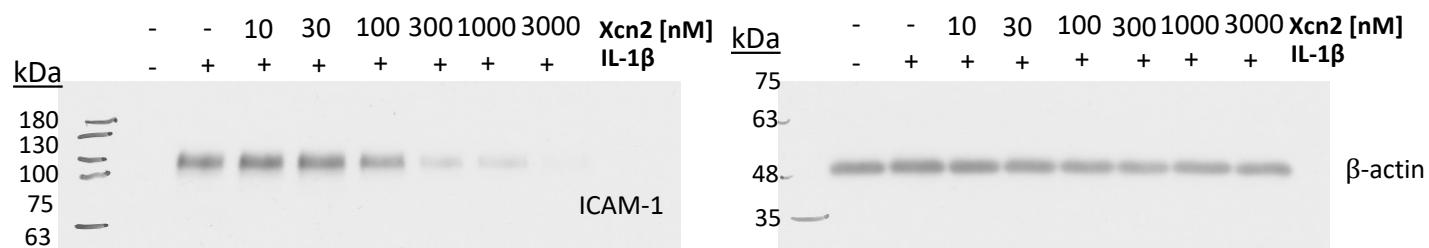


Blot 3

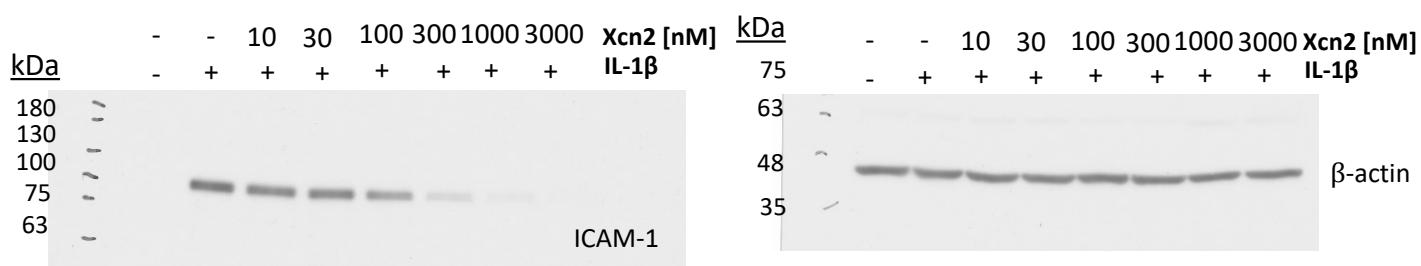


Supplement 4 ICAM-1 induced by IL-1 β

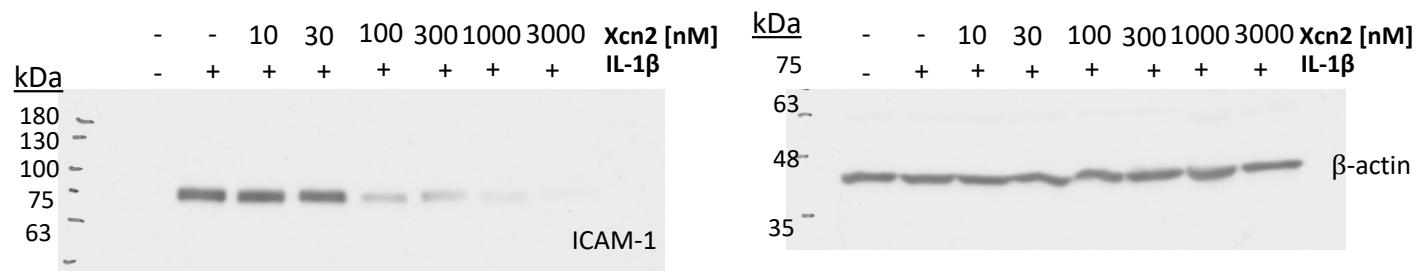
Blot 1



Blot 2



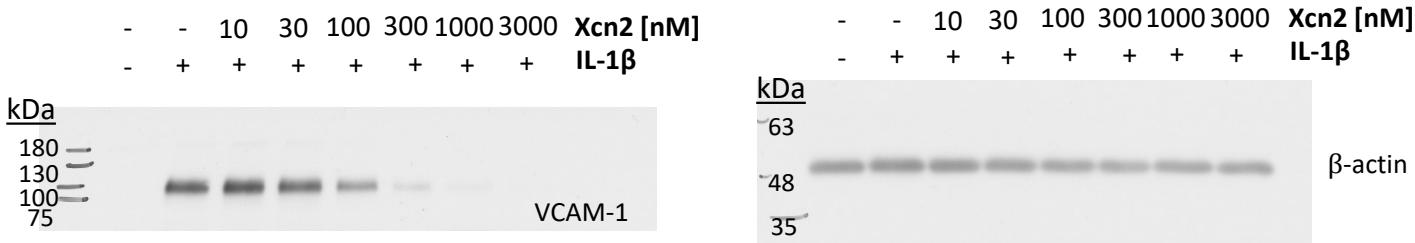
Blot 3



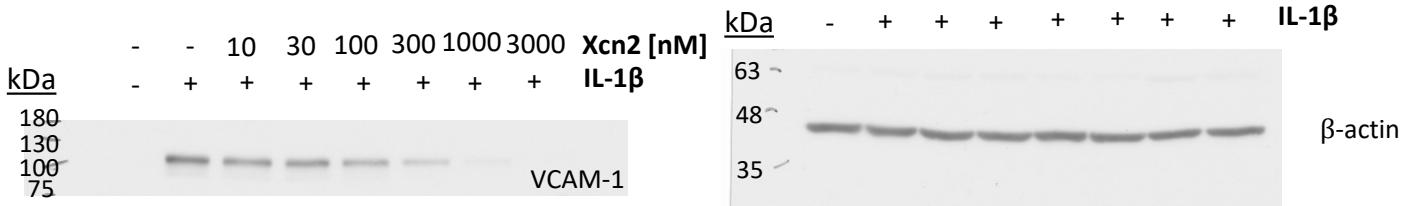
Supplement 4

VCAM-1 induced by IL-1 β

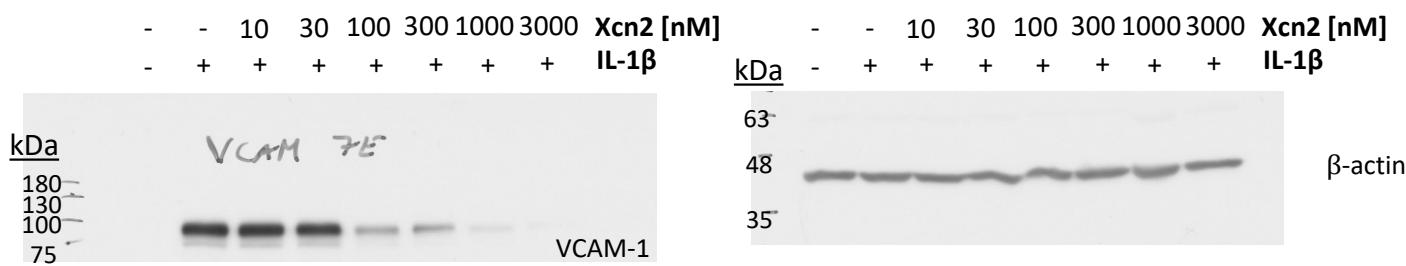
Blot 1



Blot 2

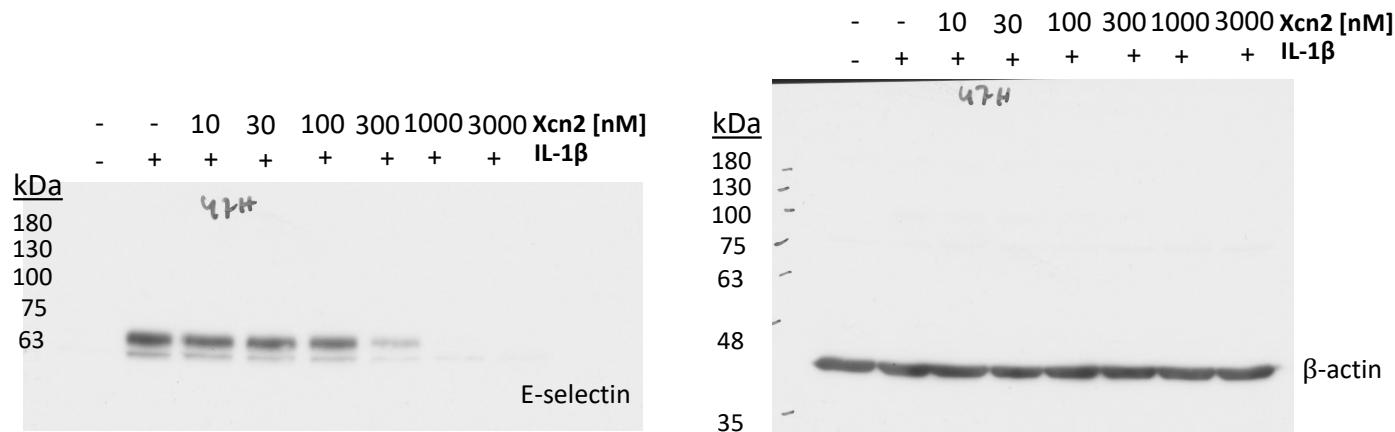


Blot 3

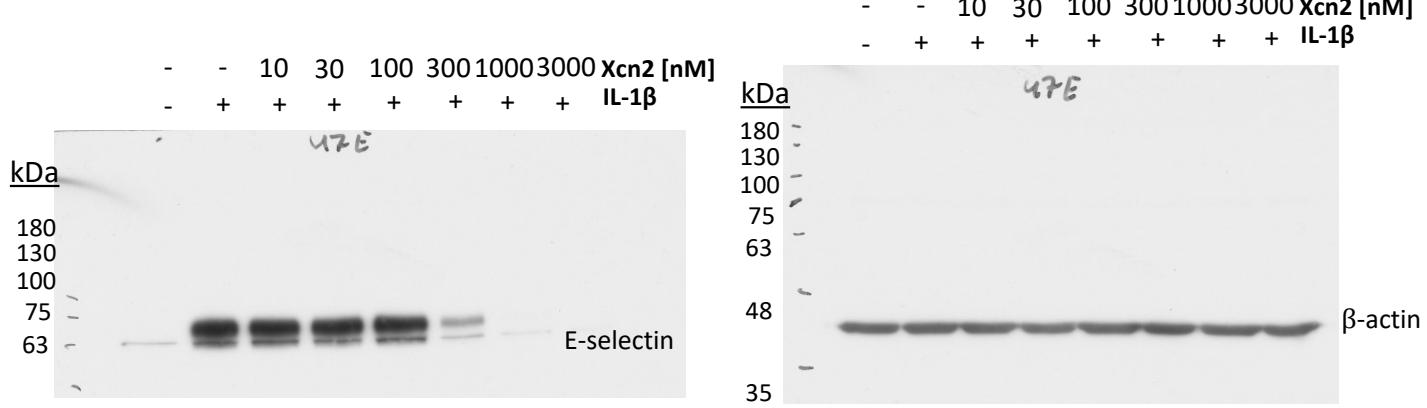


Supplement 4 E-selectin induced by IL-1 β

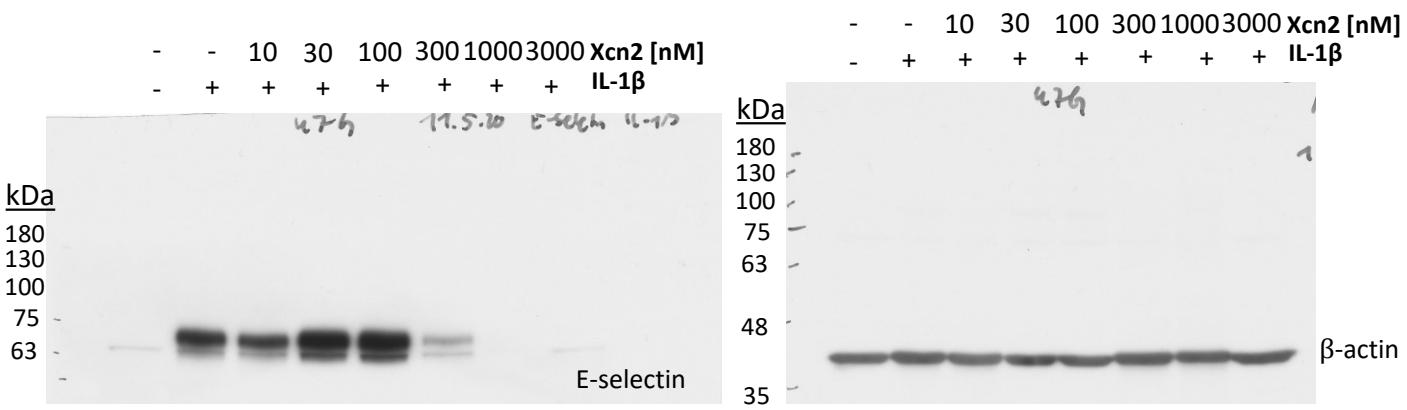
Blot 1



Blot 2



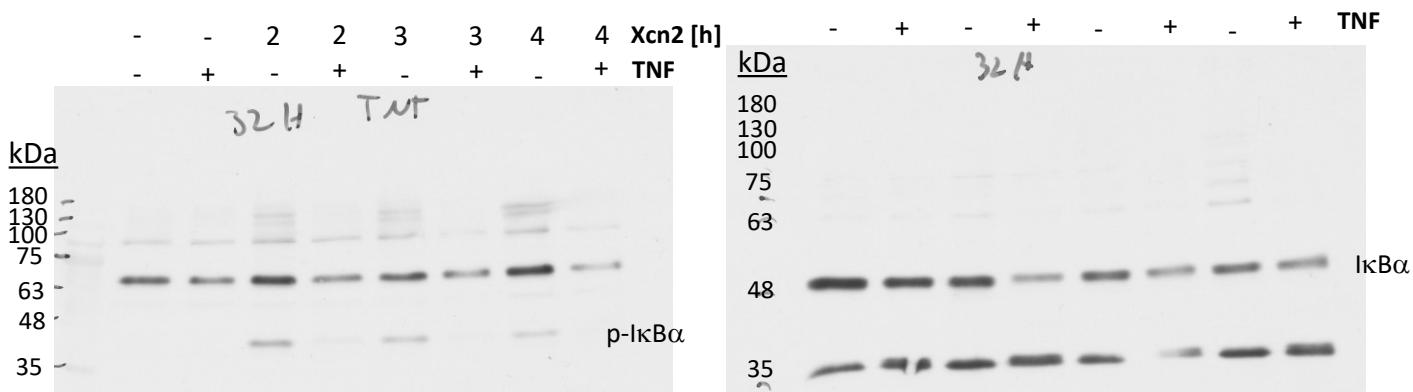
Blot 3



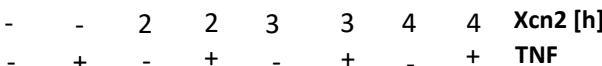
Supplement 5C p-IkB

p-IkBa (24 h, TNF)

Blot 1



1



3241 Rec

β -actin

Blot 2



kDa



p- $\text{J}\kappa\text{B}\alpha$

kDa



β -actin

Supplement 5C

p-I κ B α (24 h, TNF)

Blot 3

kDa

180
130
100
75
63
48

35

p-I κ B α

-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	TNF

kDa

180
130
100
75
63
48
35

370
24h TNF Rec

4 Xcn2 [h]
TNF

kDa

180
130
100
75
63
48
35

370 (heat
24h + TNF by

β -actin

Blot 4

kDa

180
130
100
75
63
48
35

I κ B α
I κ
1.1 μ L

kDa

180
130
100
75
63
48
35

37P
24h TNF Rec

4 Xcn2 [h]
TNF

kDa

180
130
100
75
63
48
35

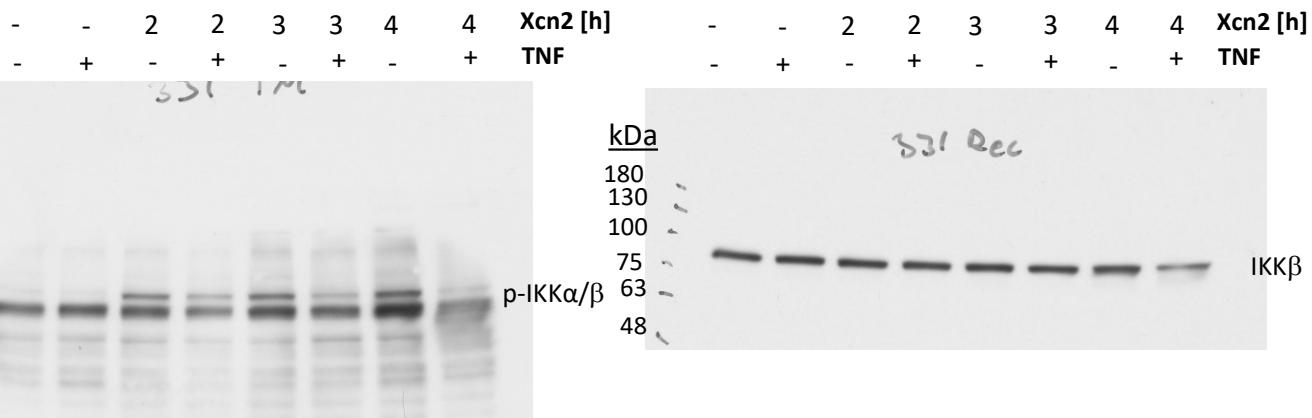
37P I κ B α
24h TNF Rec

β -actin

Supplement 5D

p-IKK α/β (24 h, TNF)

Blot 1



-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	TNF

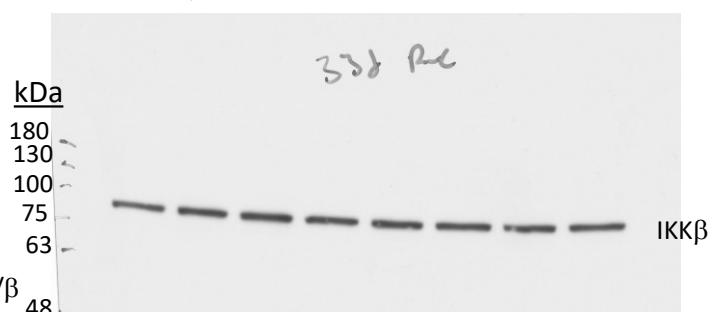
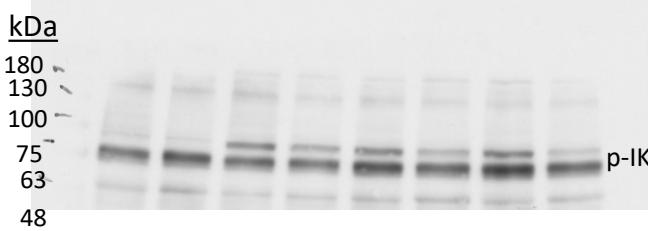
331 Rec TNF



Blot 2

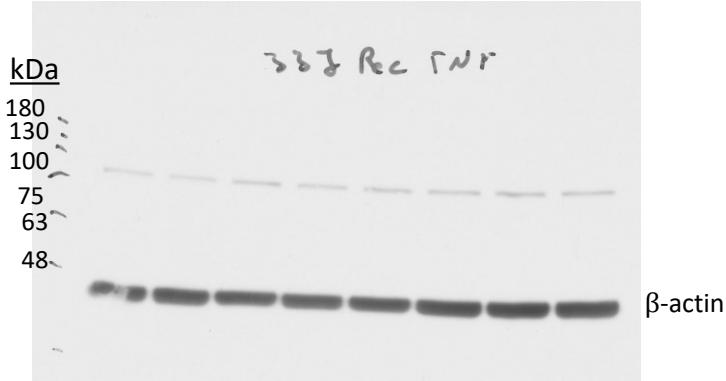
-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	TNF

332 TNF



-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	TNF

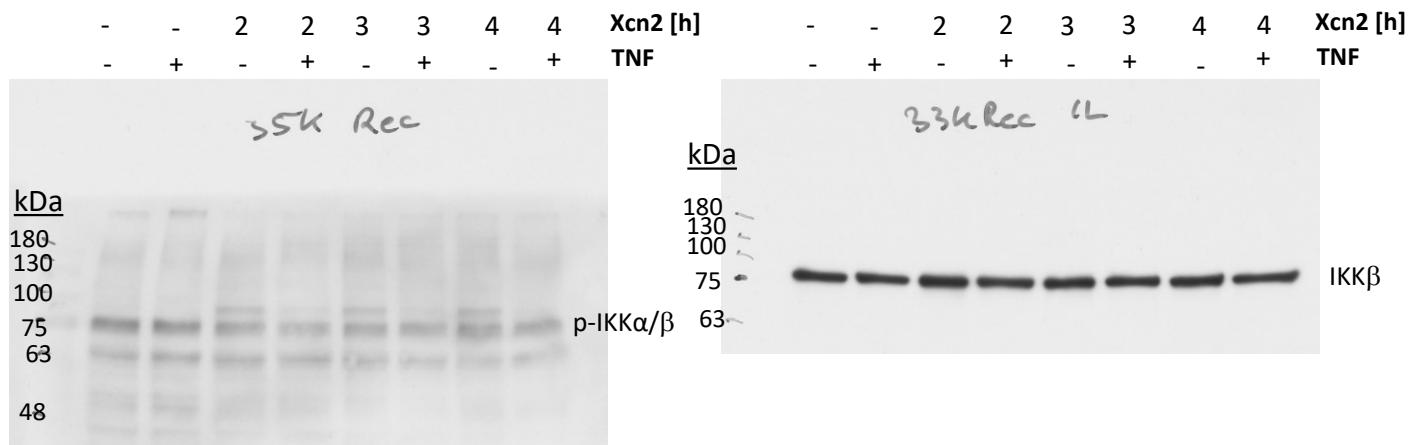
332 Rec TNF



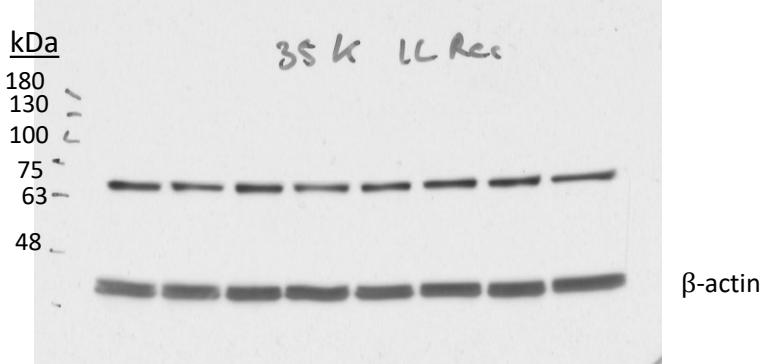
Supplement 5D

p-IKK α/β (24 h, TNF)

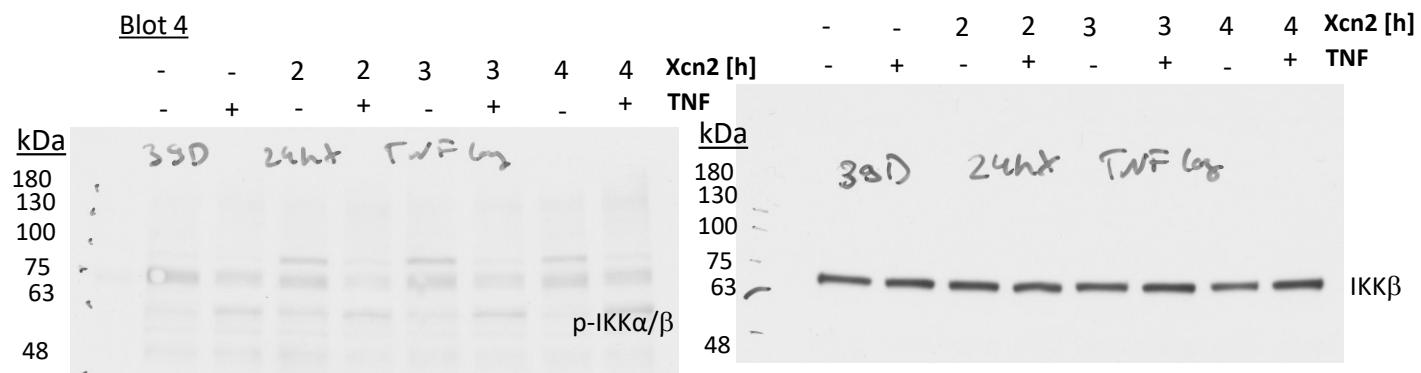
Blot 3



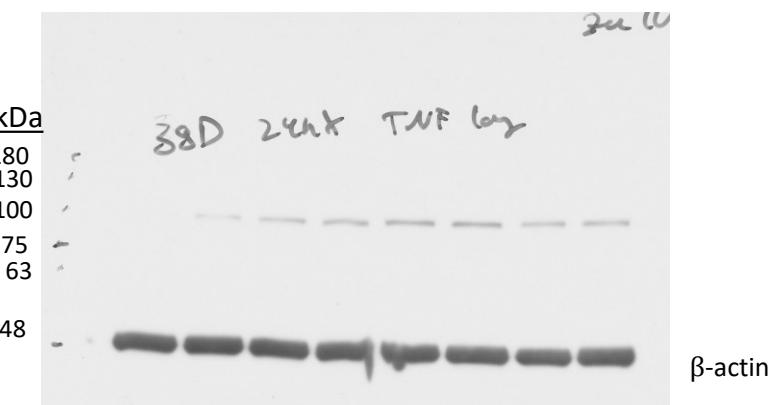
-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	TNF



Blot 4



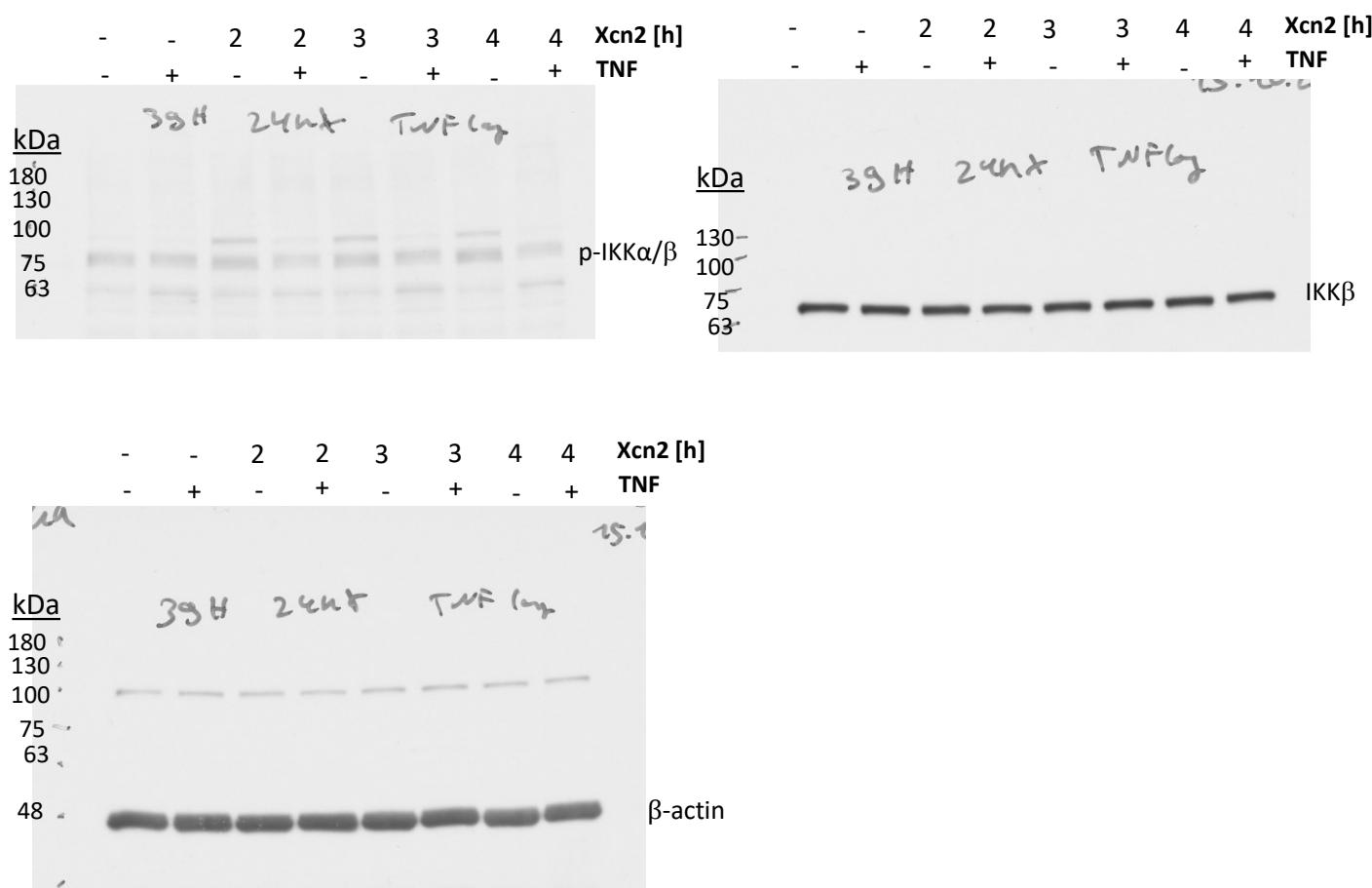
-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	TNF



Supplement 5D

p-IKK α/β (24 h, TNF)

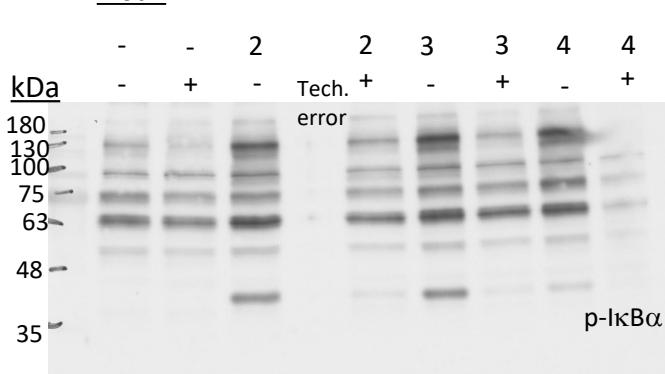
Blot 5



Supplement 5E

p-I κ B α (24 h, IL1 β)

Blot 1



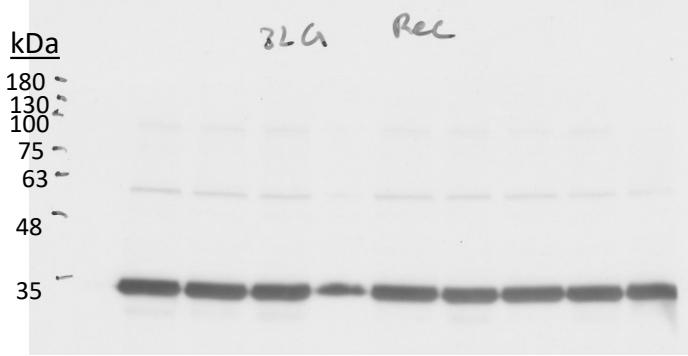
kDa

180
130
100
75
63
48
35

p-I κ B α

32h

Xcn2 [h]
IL-1 β

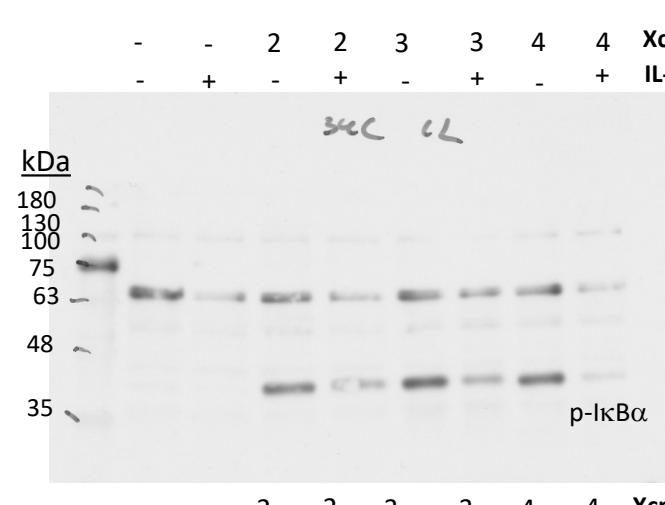


kDa

180
130
100
75
63
48
35

I κ B α

Blot 2



34C

kDa

180
130
100
75
63
48
35

p-I κ B α

I κ B α

kDa

180
130
100
75
63
48
35

34C

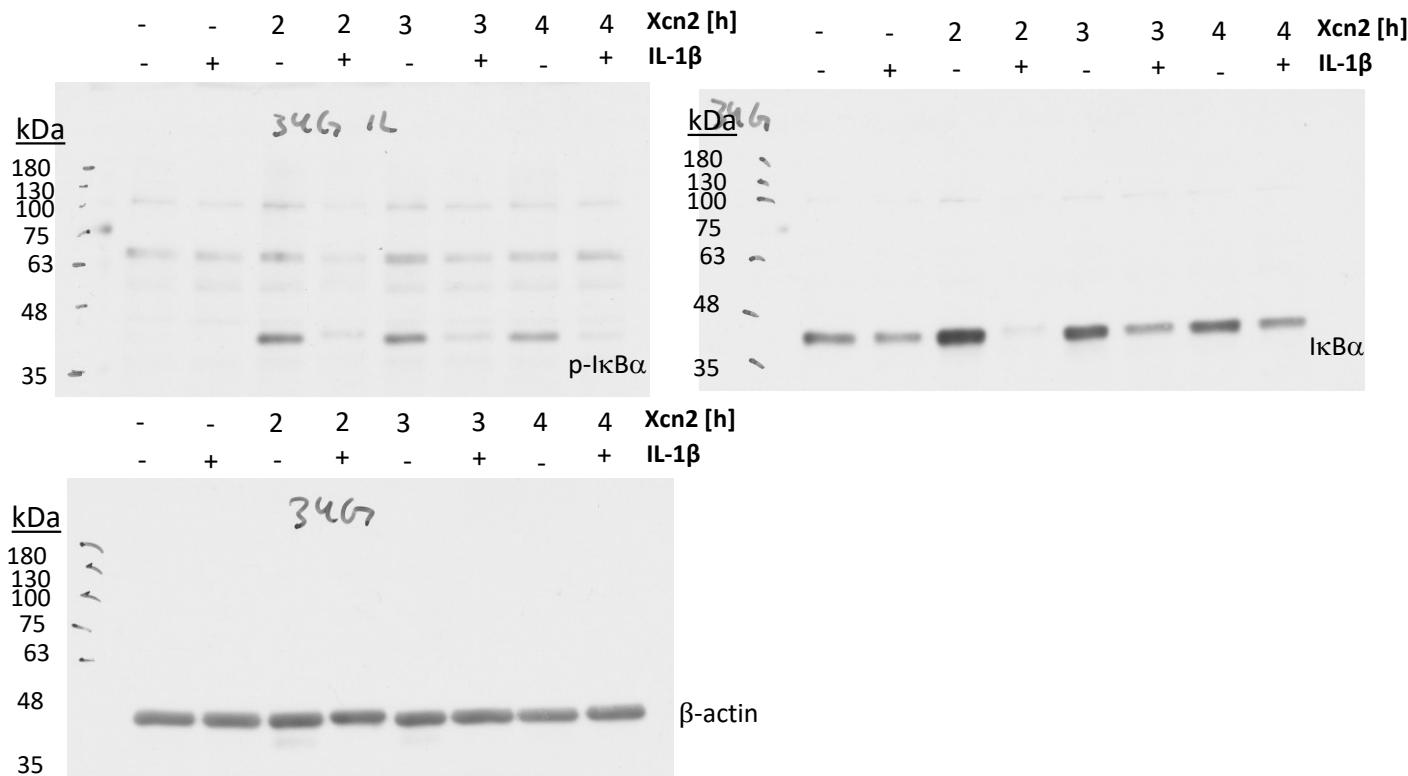
β -actin

34C

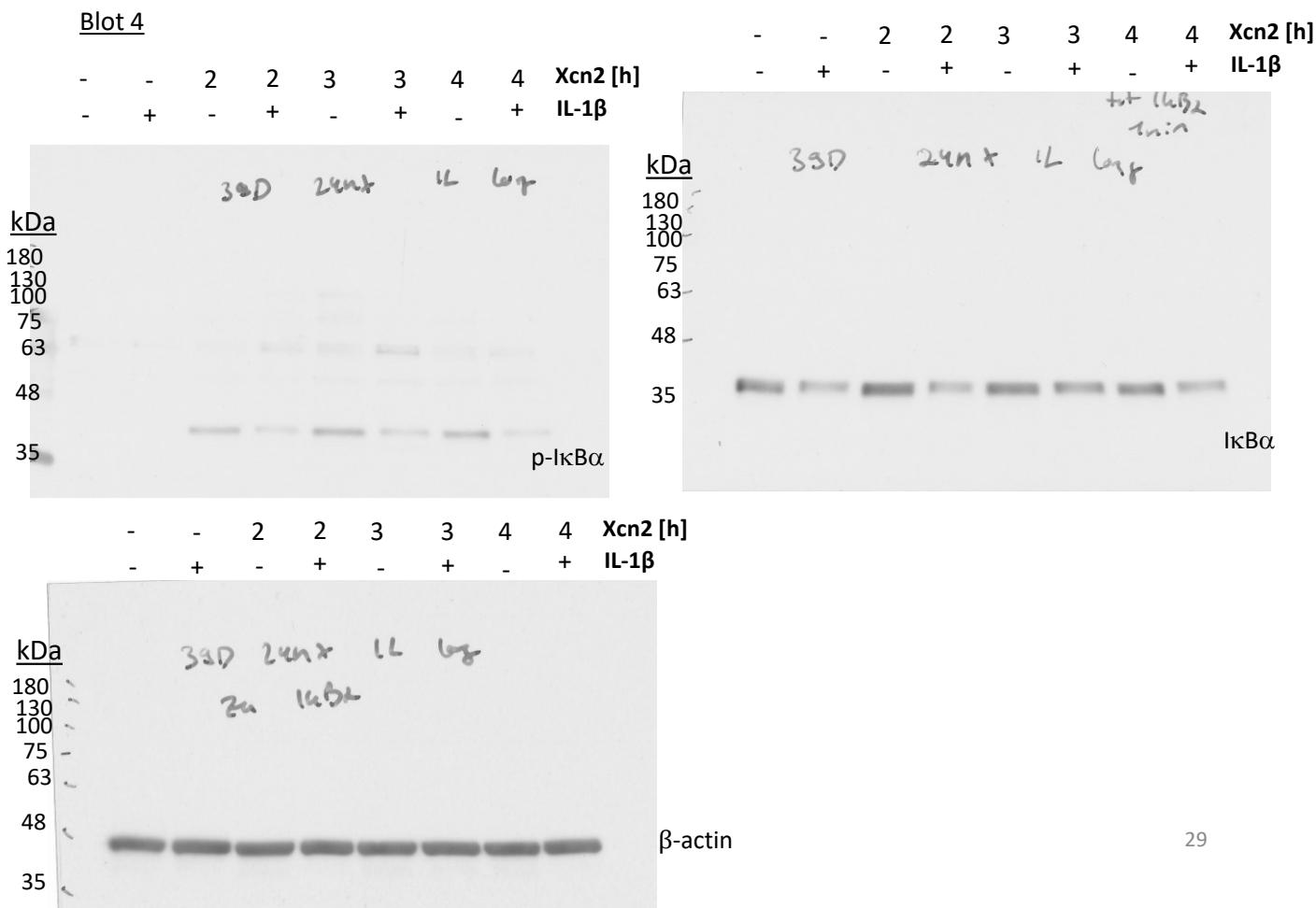
Supplement 5E

p-I κ B α (24 h, IL-1 β)

Blot 3

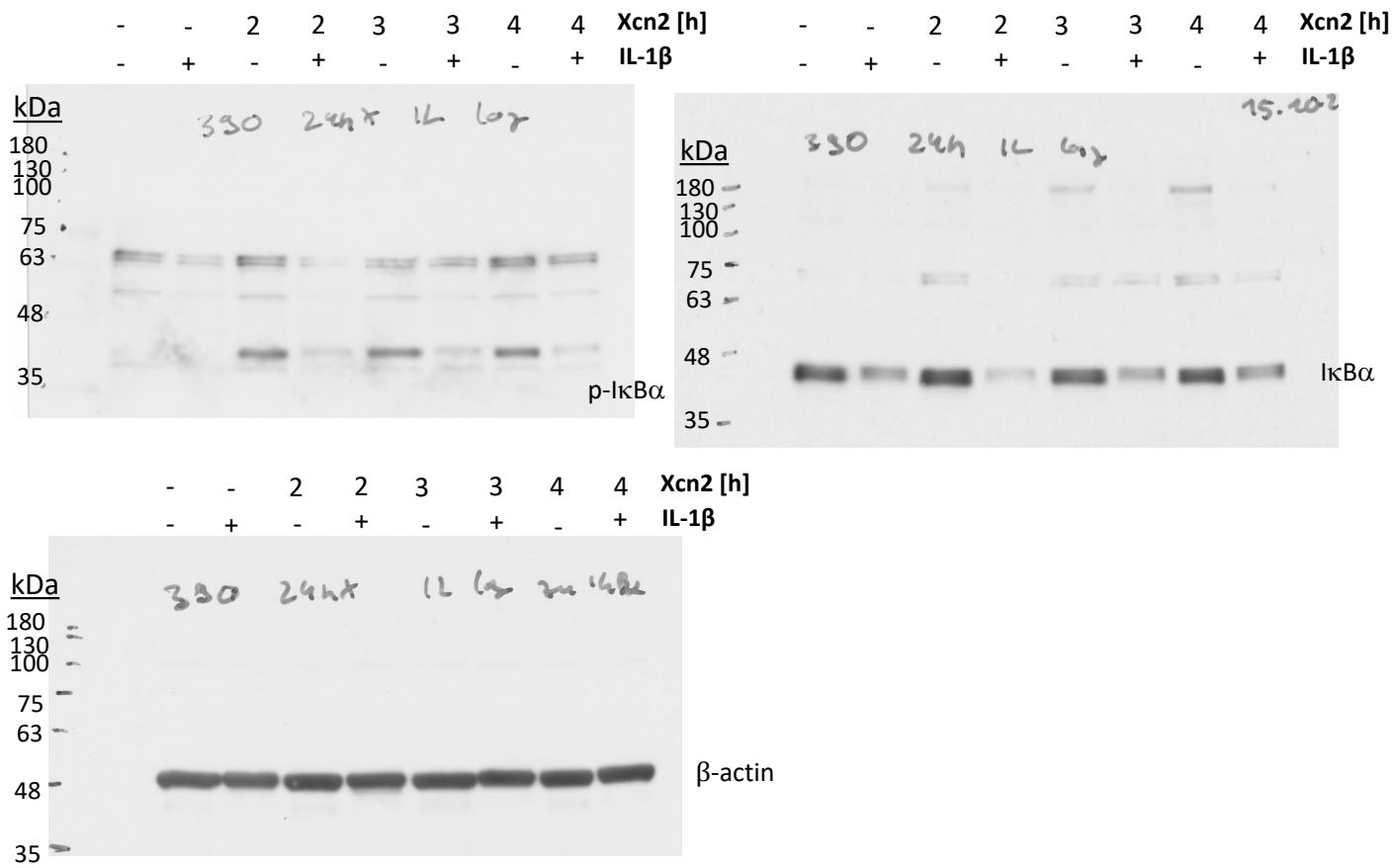


Blot 4



Supplement 5E p-I κ B α (24 h, IL1 β)

Blot 5

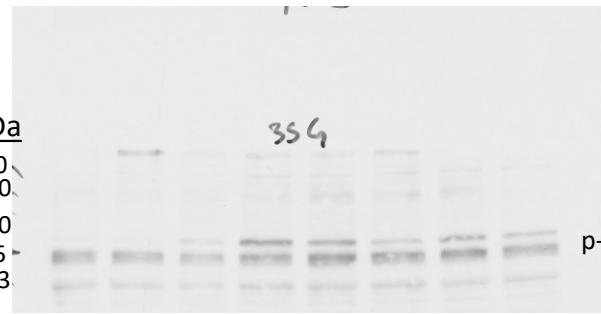


Supplement 5F

p-IKK α/β (24 h, IL1 β)

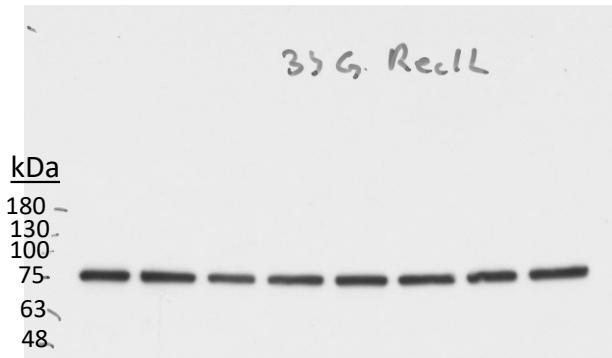
Blot 1

-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	IL-1 β



p-IKK α/β

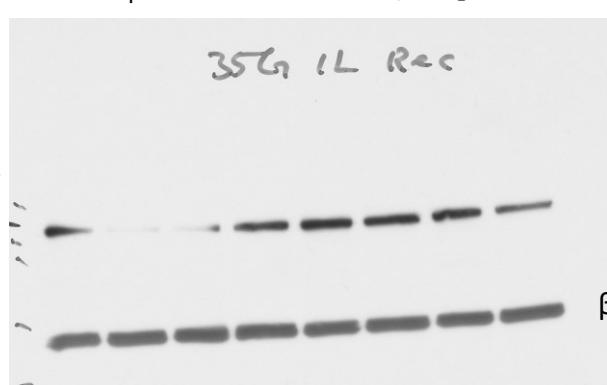
-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	IL-1 β



kDa

180
130
100
75
63
48

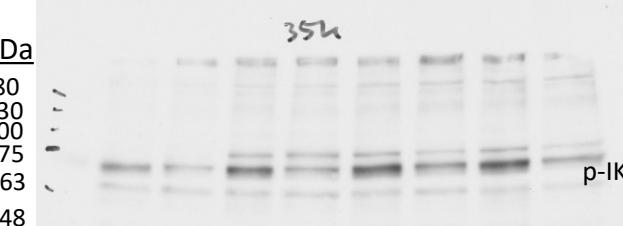
IKK β



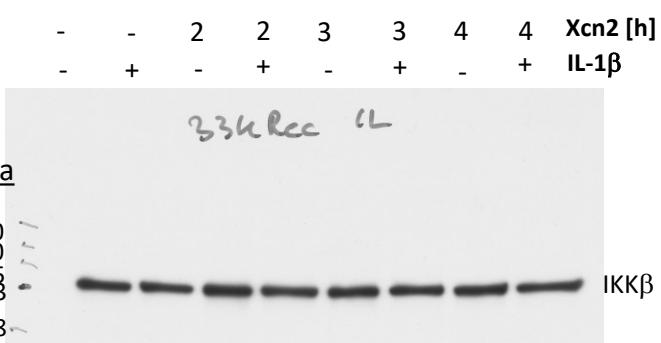
β-actin

Blot 2

-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	IL-1 β



p-IKK α/β

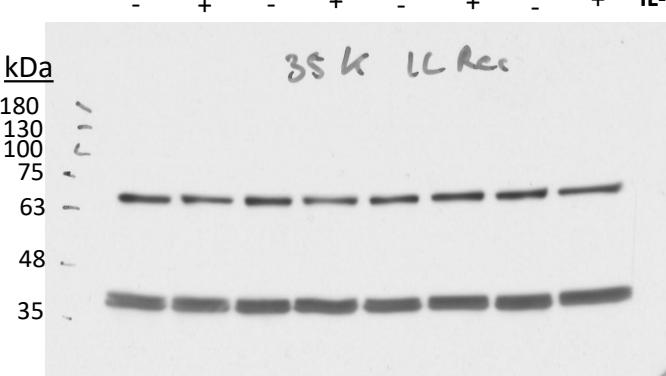


kDa

180
130
100
75
63
48

IKK β

-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	IL-1 β



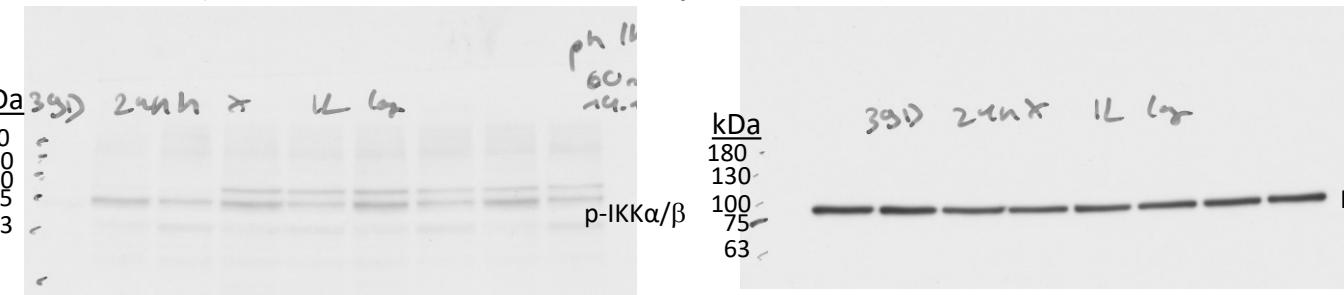
β-actin

Supplement 5F

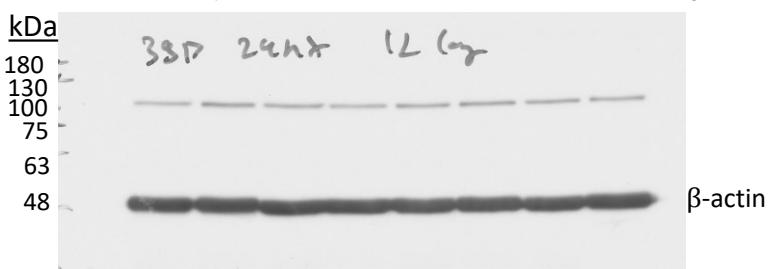
p-IKK α/β (24 h, IL1 β)- part2

Blot 3

-	-	2	2	3	3	4	4	Xcn2 [h]	-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	IL-1 β	-	+	-	+	-	+	-	+	IL-1 β



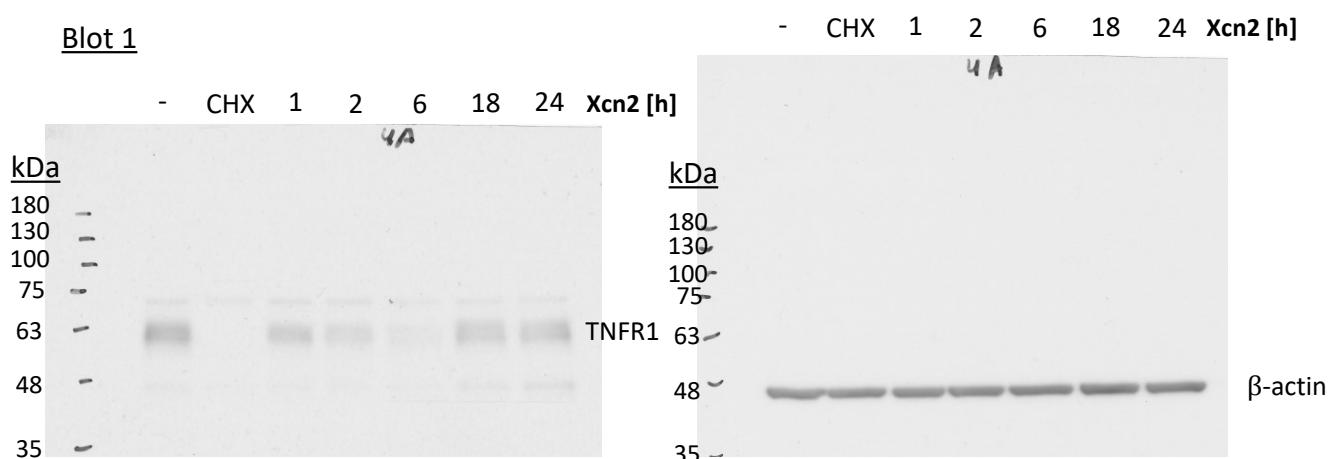
-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	IL-1 β



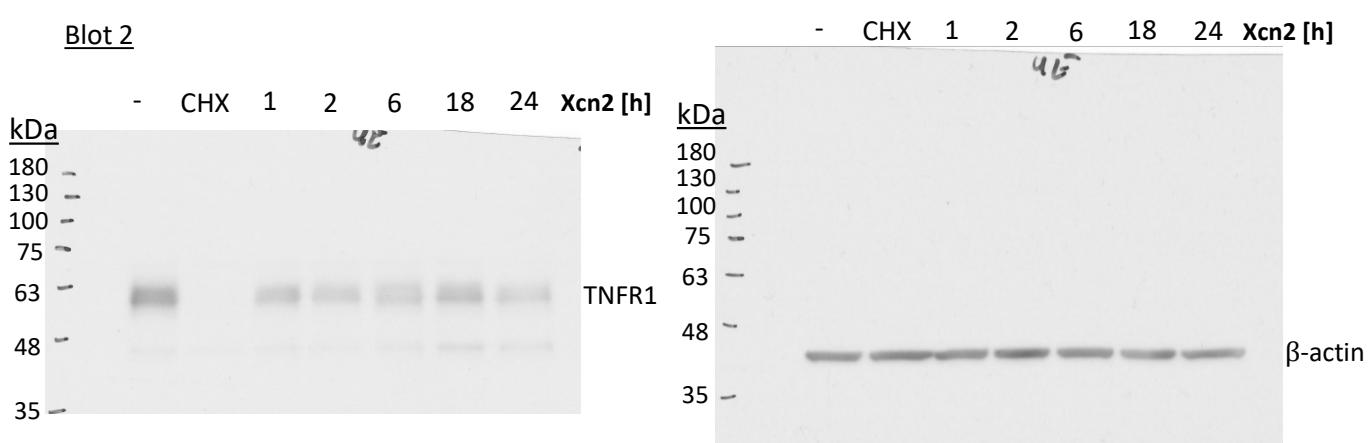
Supplement 8A

TNFR1 time series 1000 nM Xcn2

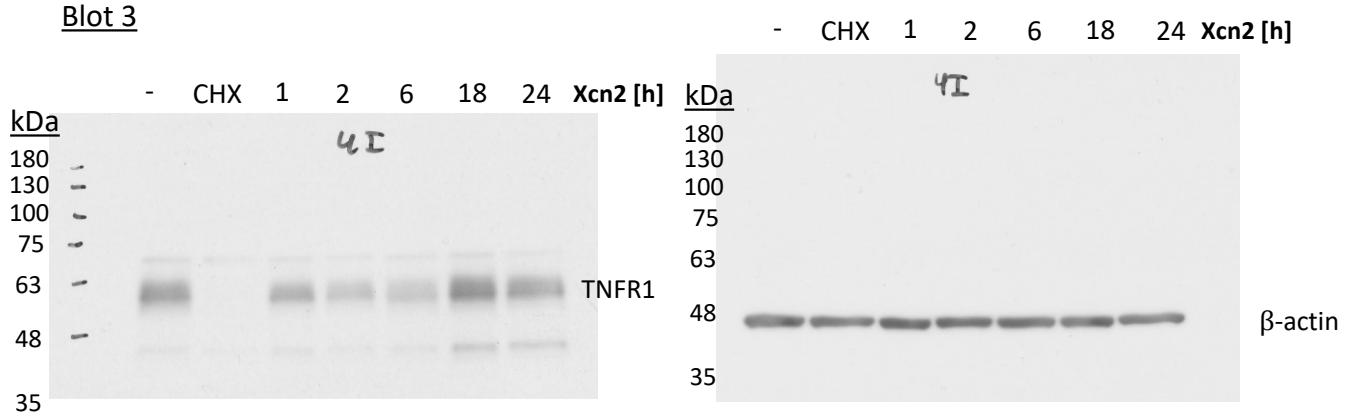
Blot 1



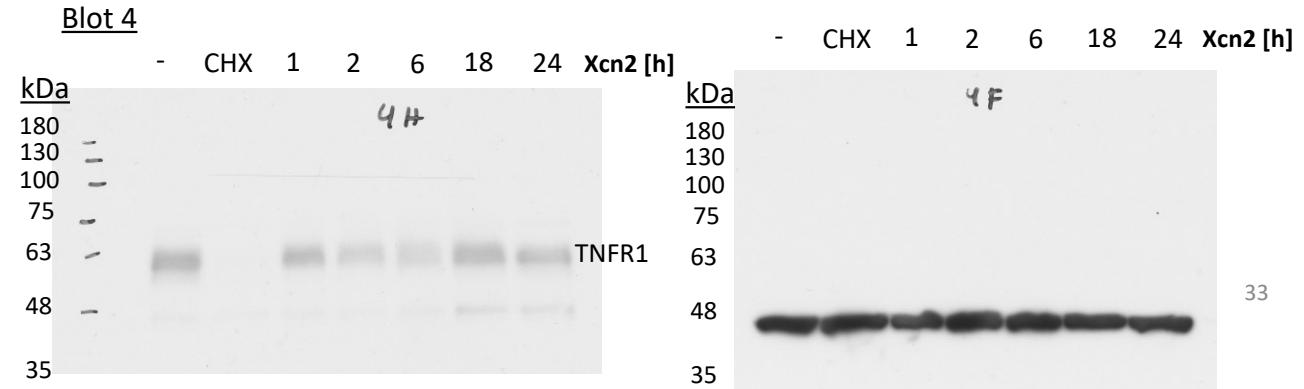
Blot 2



Blot 3



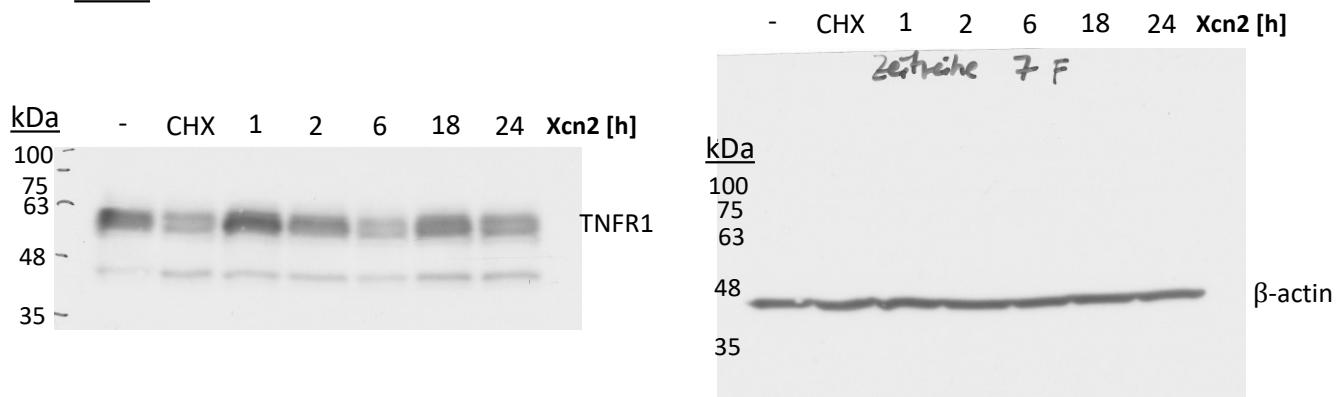
Blot 4



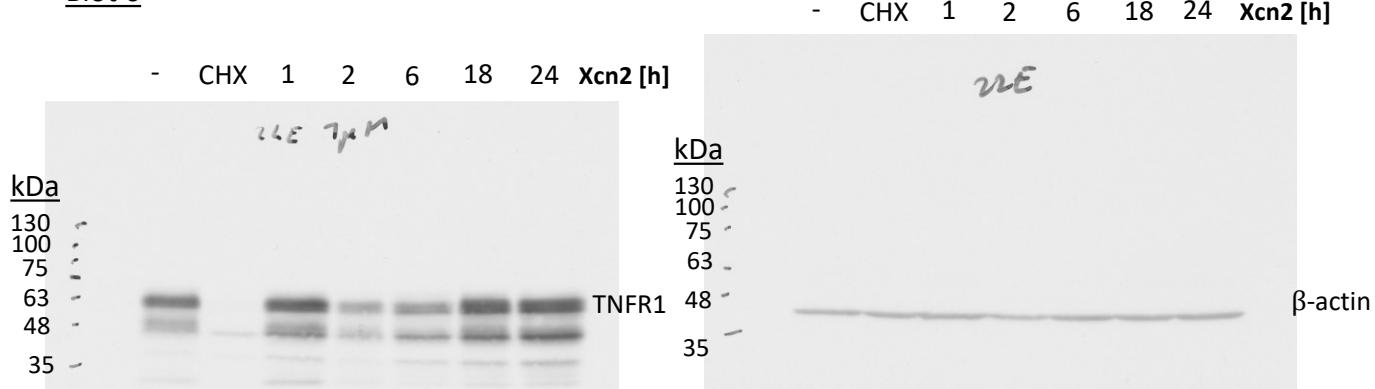
Supplement 8A

TNFR1 time series 1000 nM Xcn2

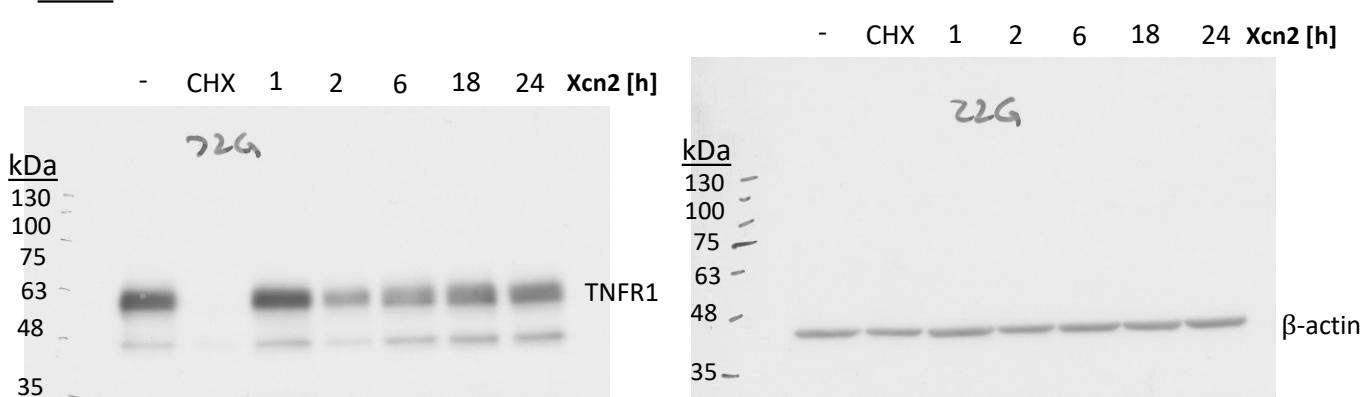
Blot 5



Blot 6



Blot 7



Supplement 8A

TNFR1 time series 1000 nM Xcn2 part 3

Blot 8

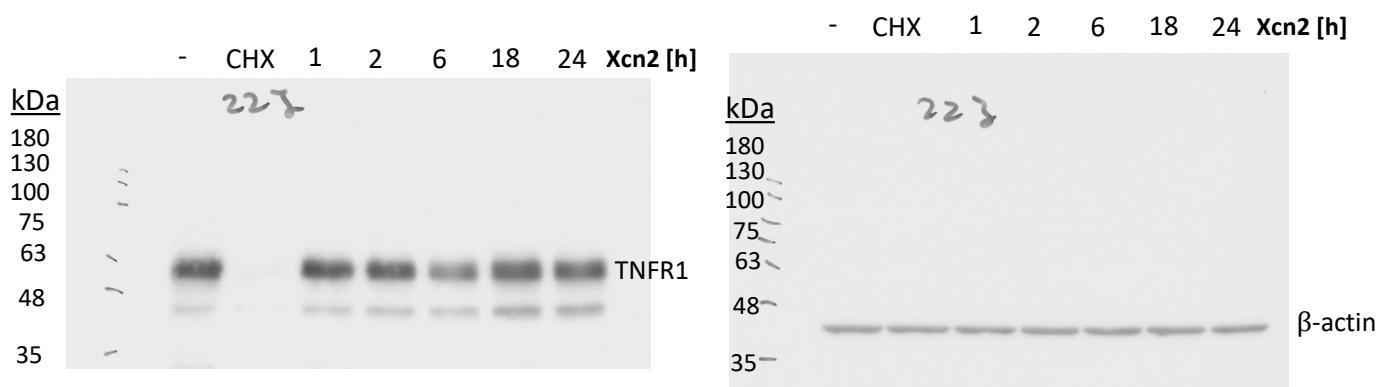
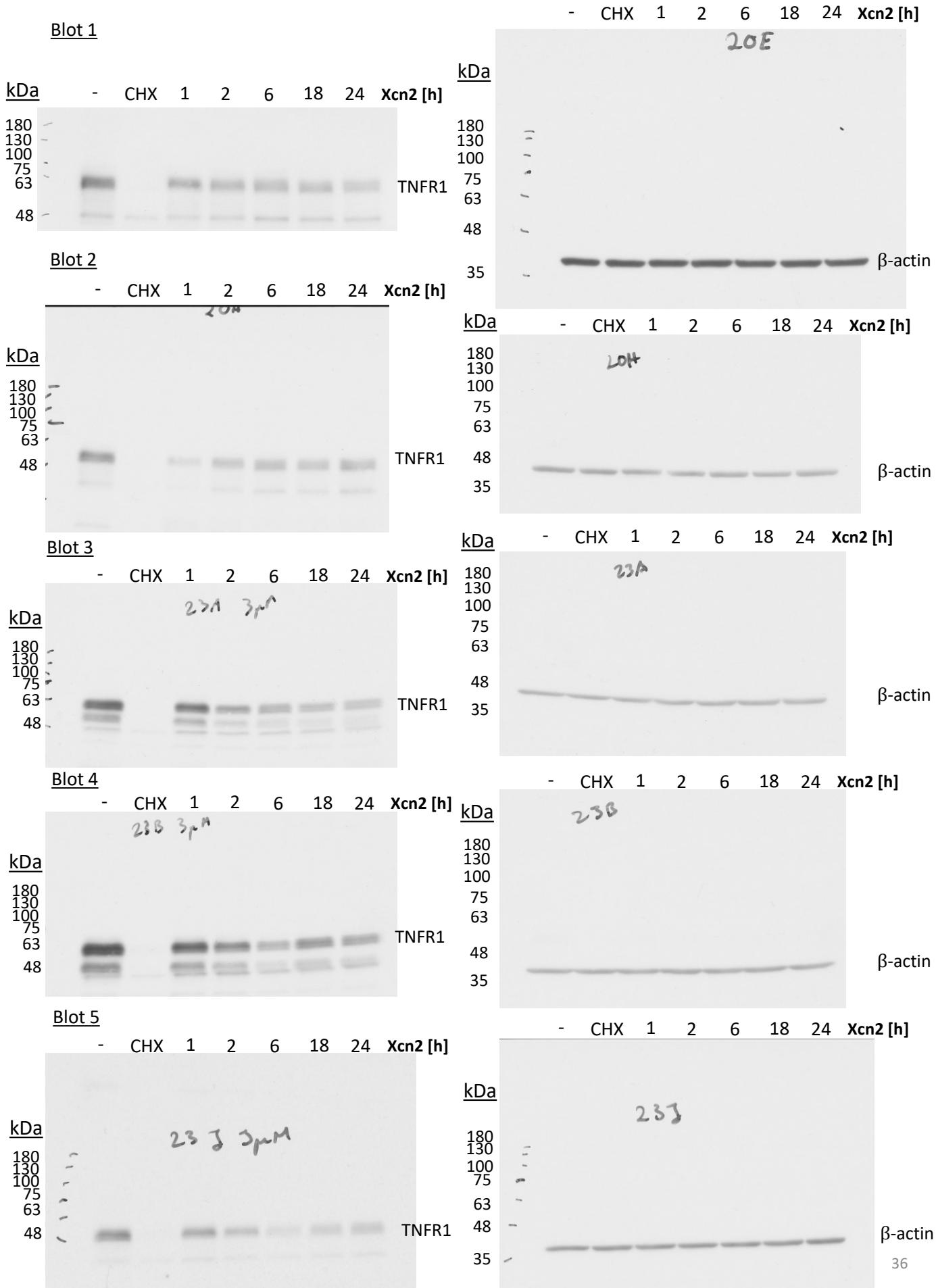


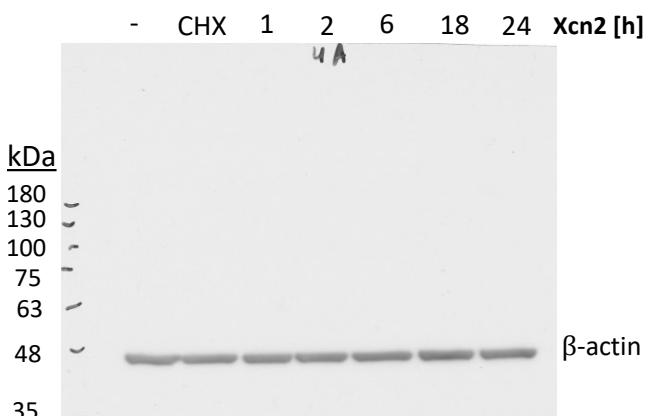
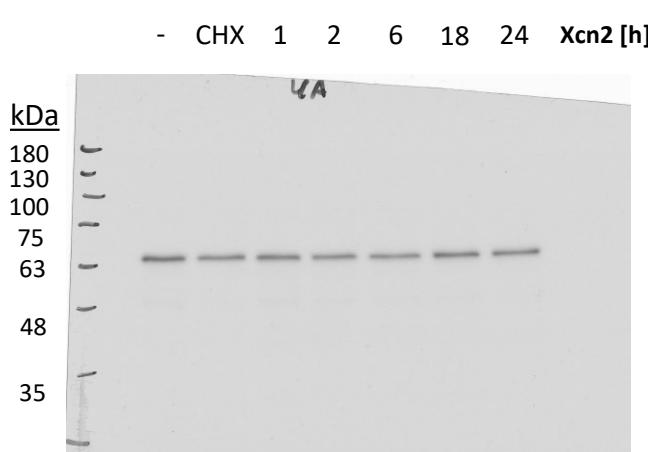
Figure S8B TNFR1 time series 3000 nM Xcn2



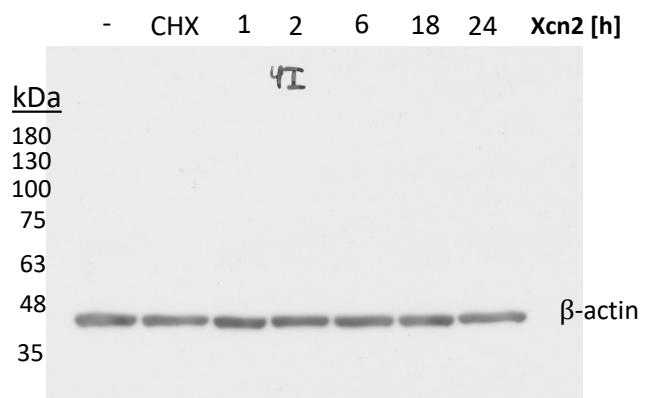
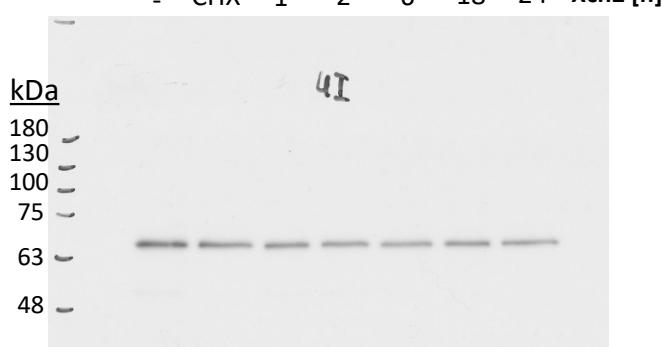
Supplement 8D

IL1R1 time series 1000 nM Xcn2

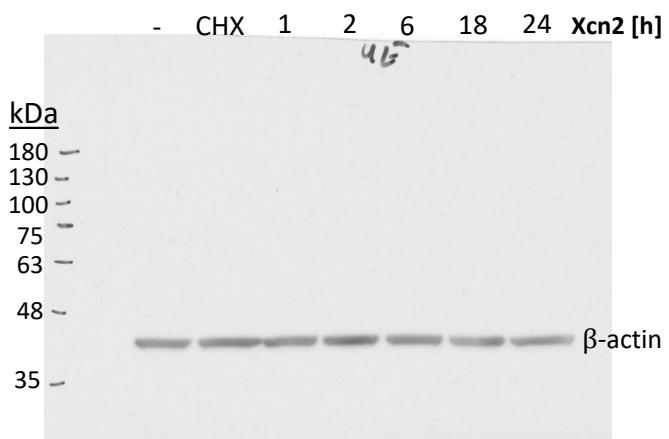
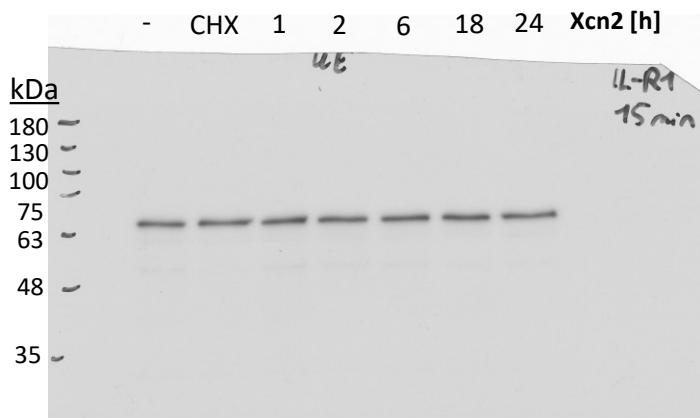
Blot 1



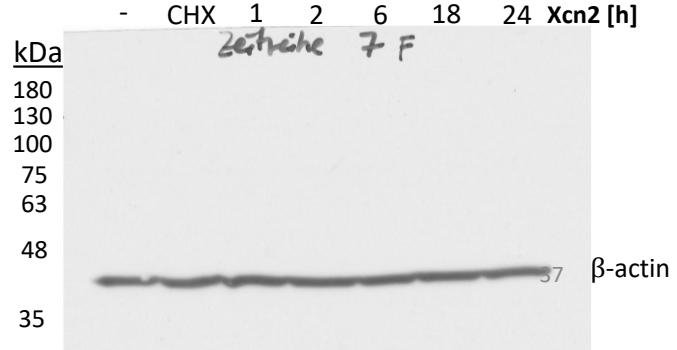
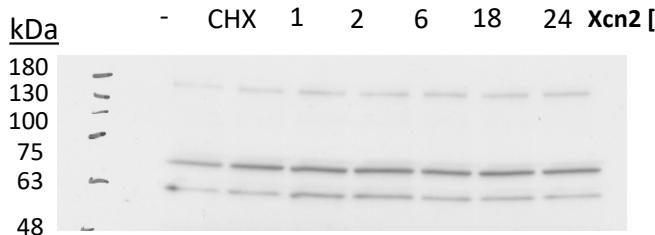
Blot 2



Blot 3

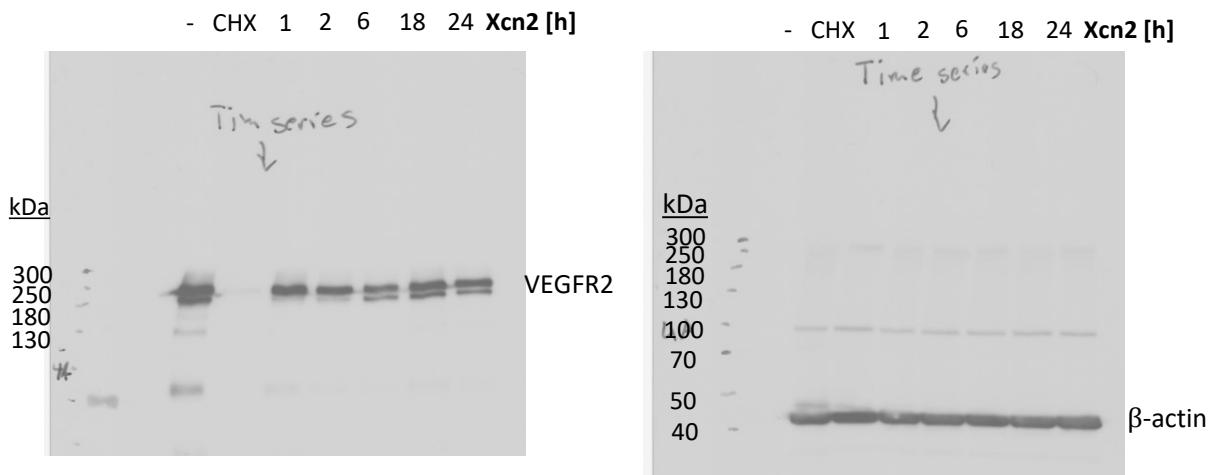


Blot 4

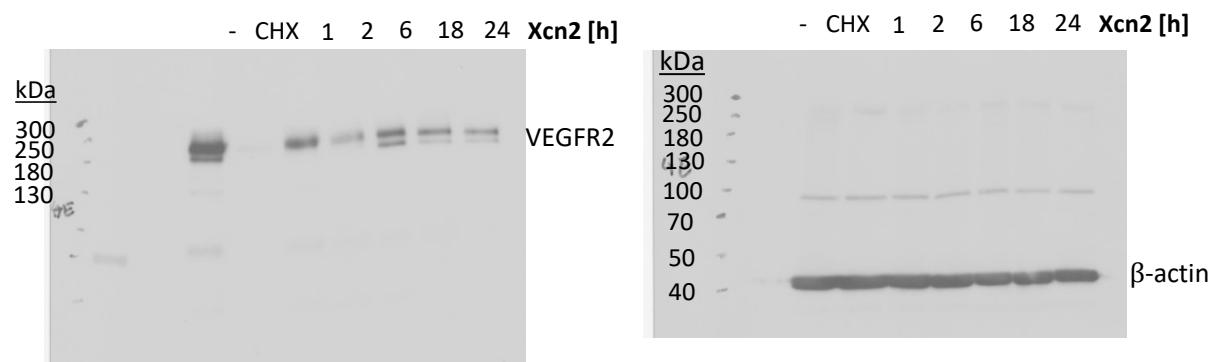


Supplement 9A VEGFR2 levels (Time Series, Xcn2 1000 nM)

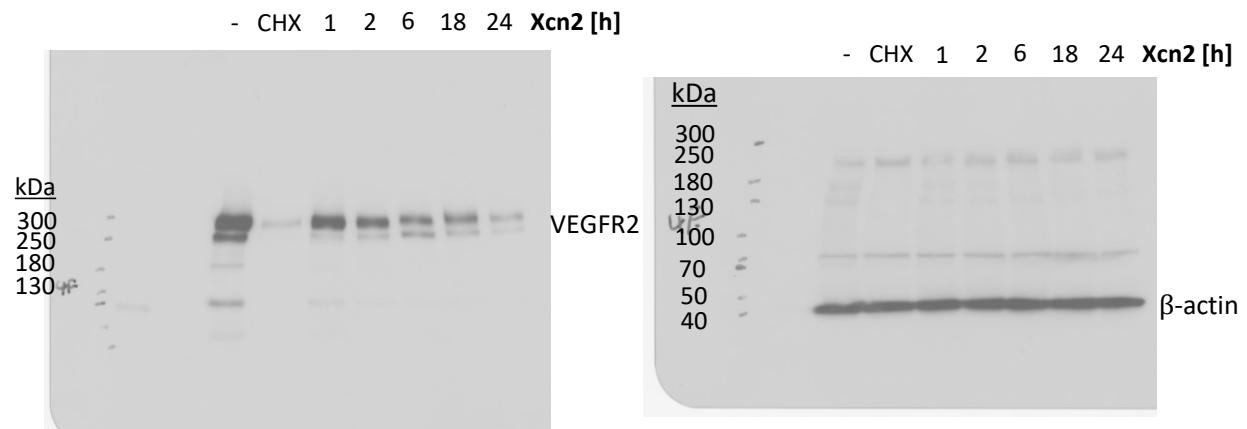
Blot 1



Blot 2

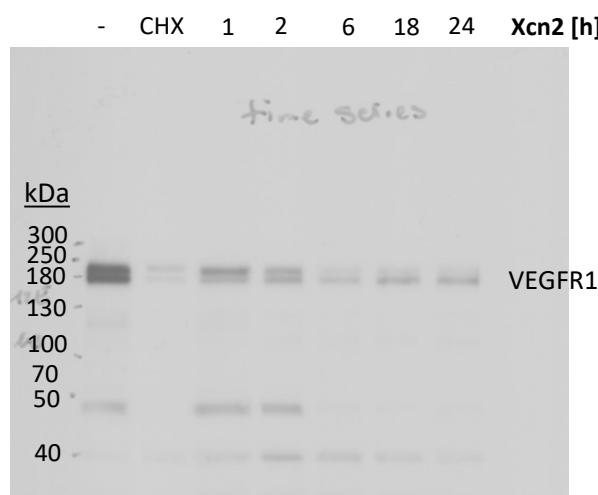


Blot 3

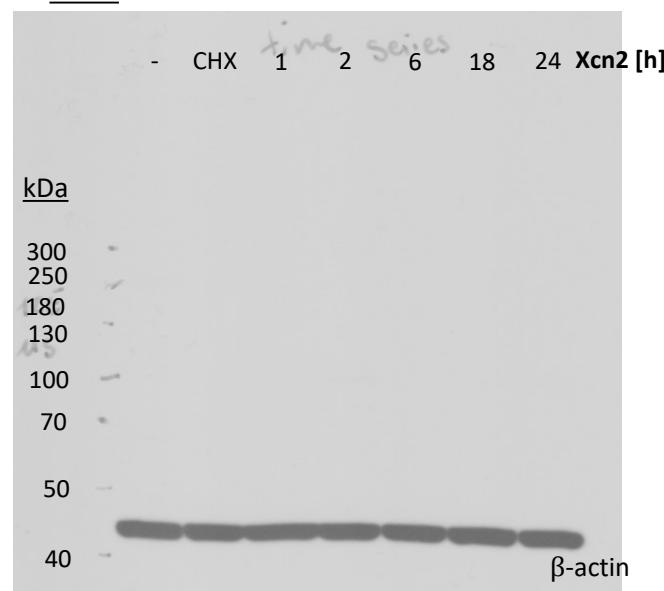


Supplement 9B VEGFR1 levels (Time Series, Xcn2 1000 nM)

Blot 1



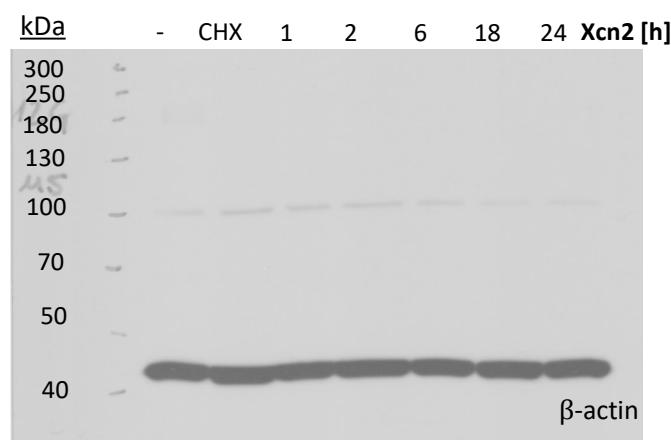
Blot 1



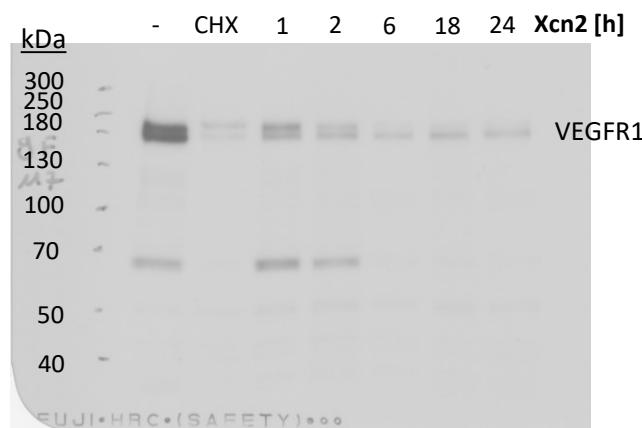
Blot 2



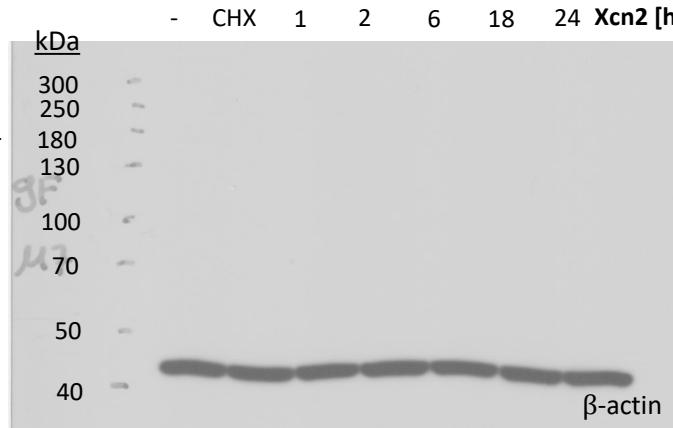
Blot 2



Blot 3

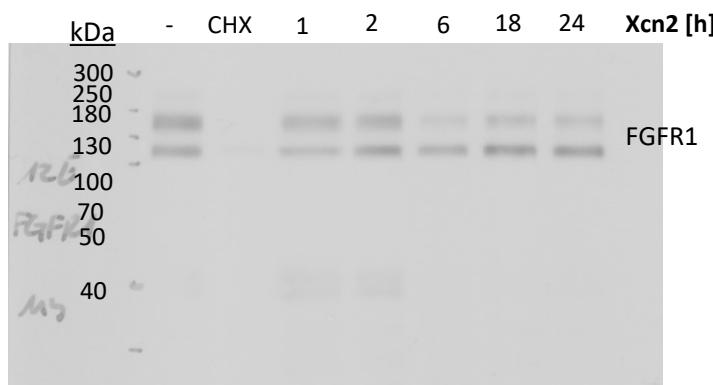


Blot 3

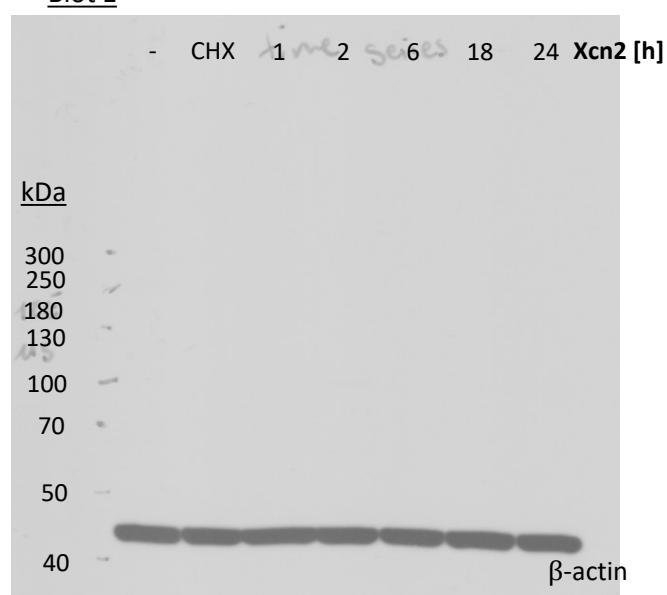


Supplement 9C FGFR1 levels (Time Series, Xcn2 1000 nM)

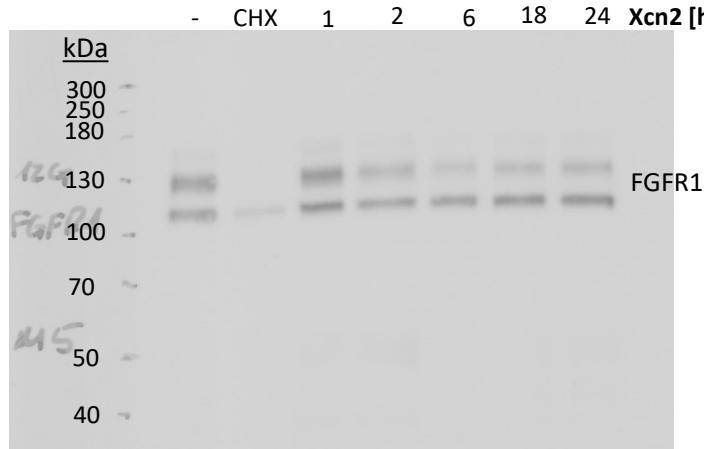
Blot 1



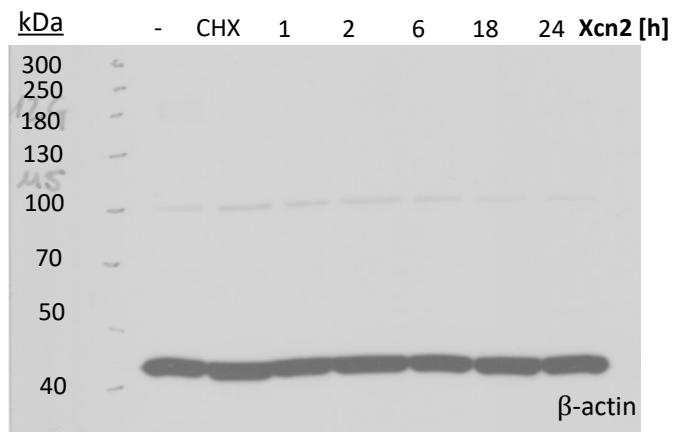
Blot 1



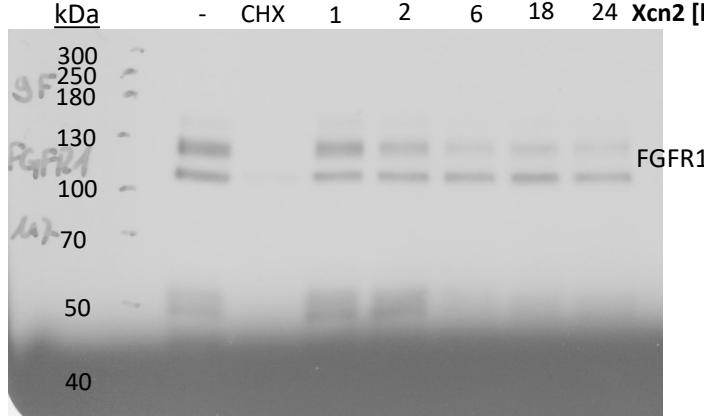
Blot 2



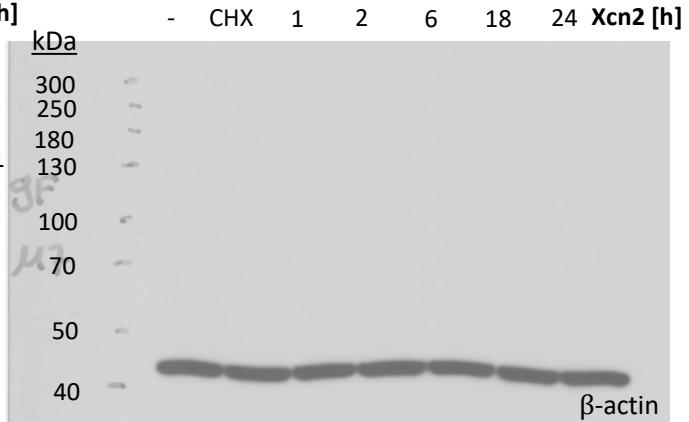
Blot 2



Blot 3



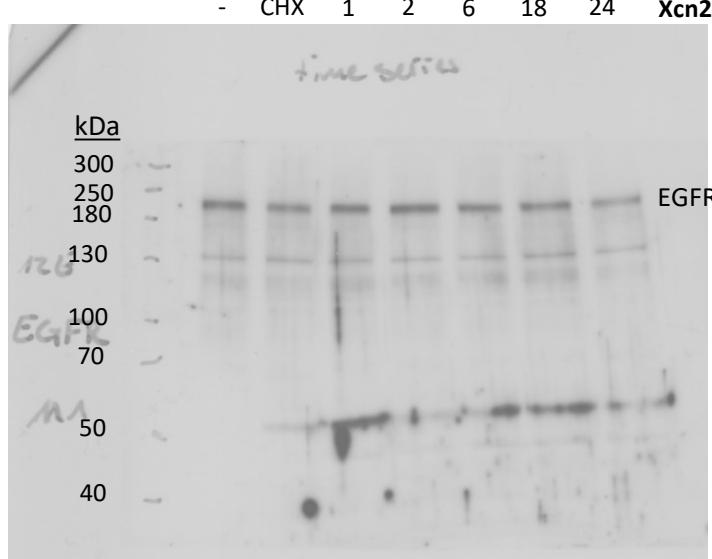
Blot 3



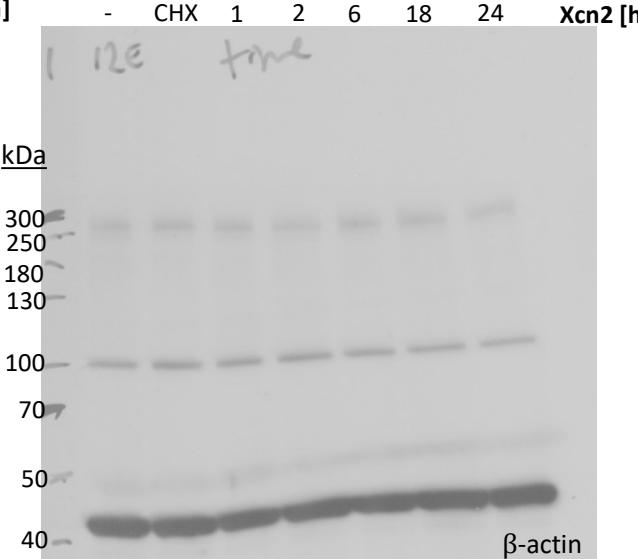
Supplement 9D

EGFR levels (Time Series, Xcn2 1000 nM)

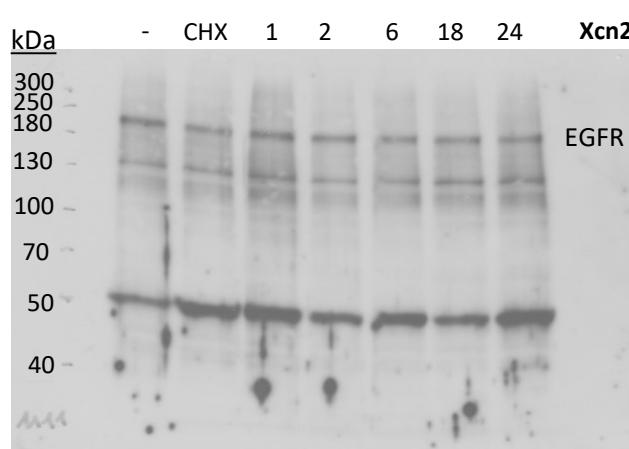
Blot 1



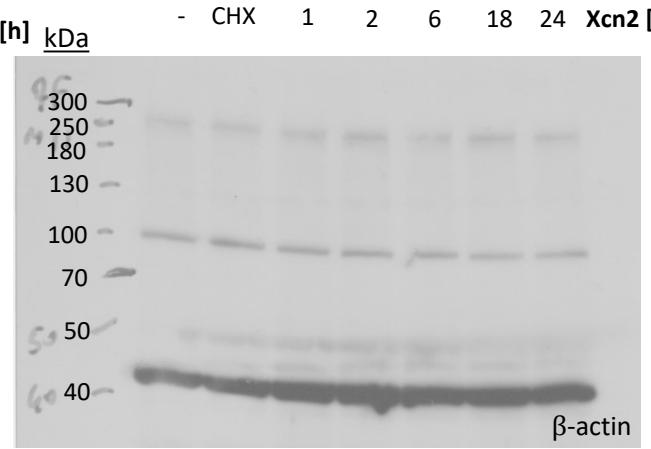
Blot 1



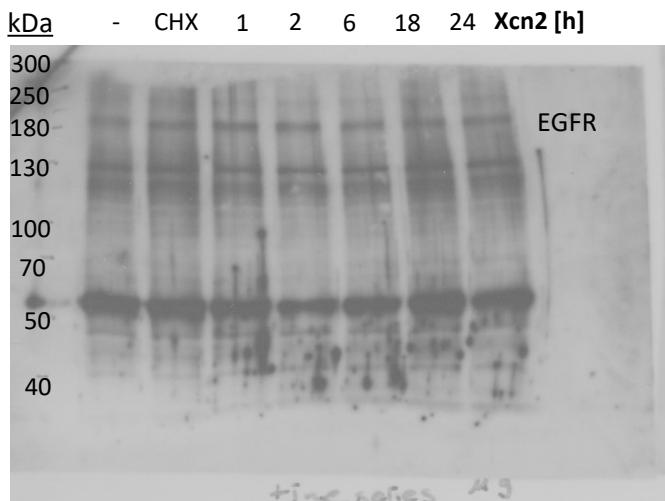
Blot 2



Blot 2



Blot 3



Blot 3

