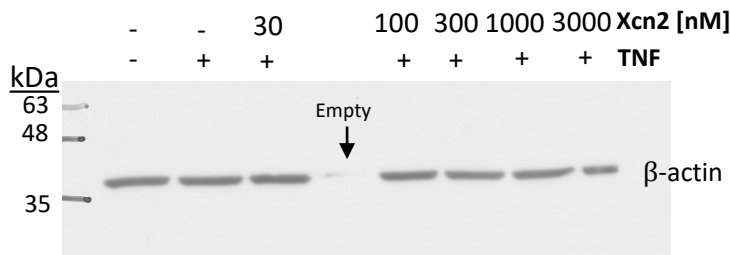
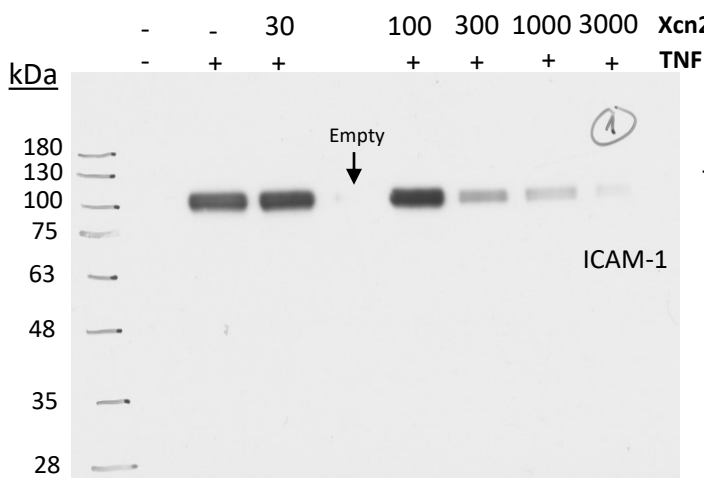


**Xenocoumacin 2 reduces protein biosynthesis and
inhibits inflammatory- and angiogenesis-related
processes in endothelial cells**

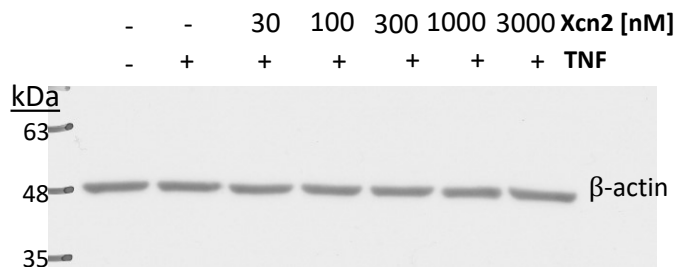
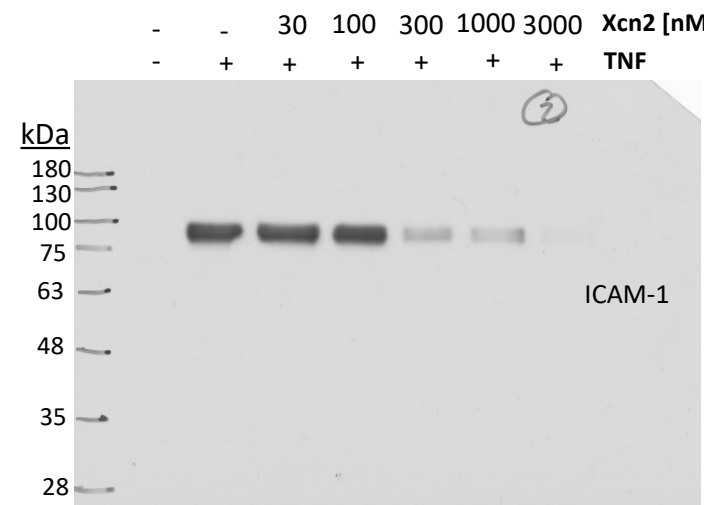
**Supplementary File
for
Western Blot Images**

Figure 2B ICAM-1 level induced by TNF

Blot 1



Blot 2



Blot 3

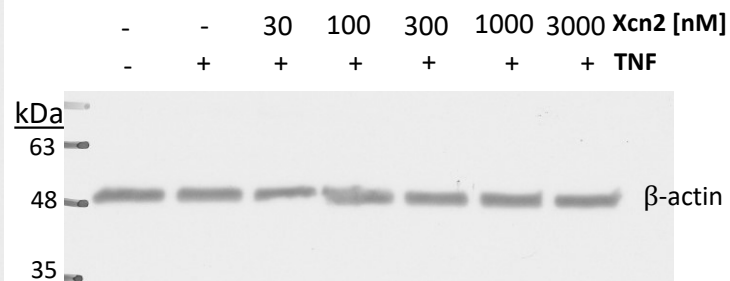
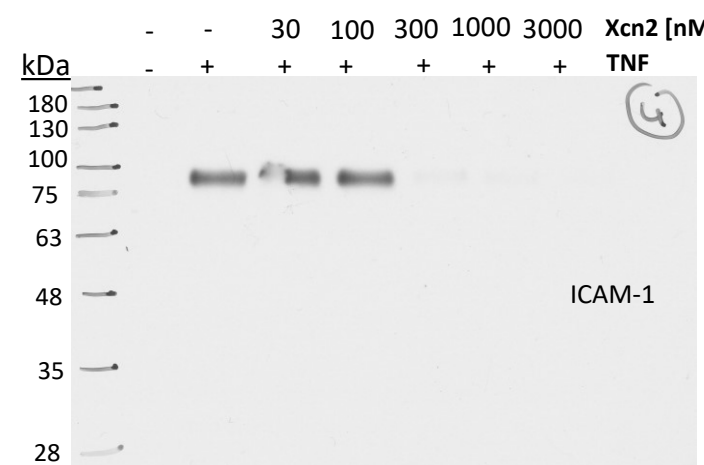
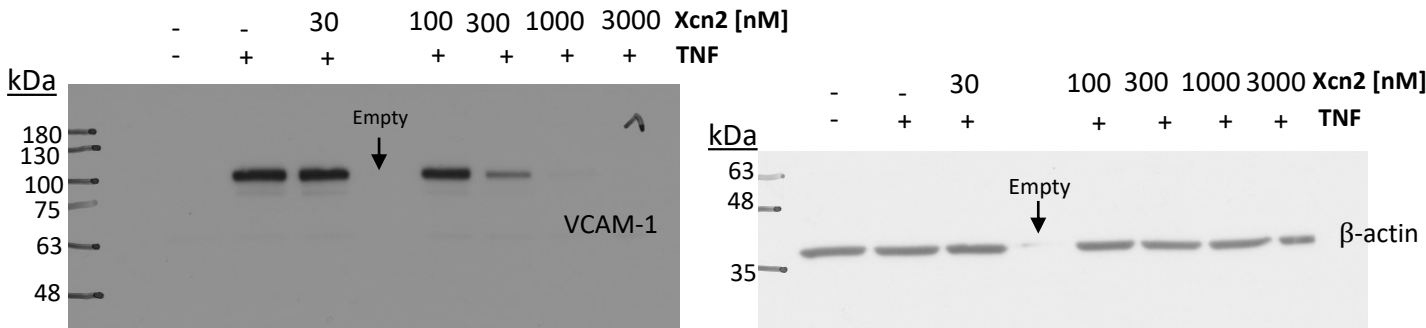
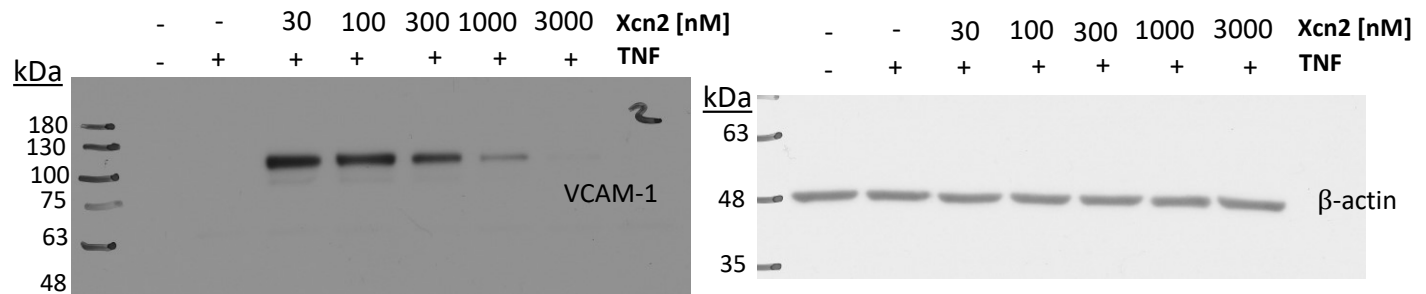


Figure 2B VCAM-1 level induced by TNF

Blot 1



Blot 2



Blot 3

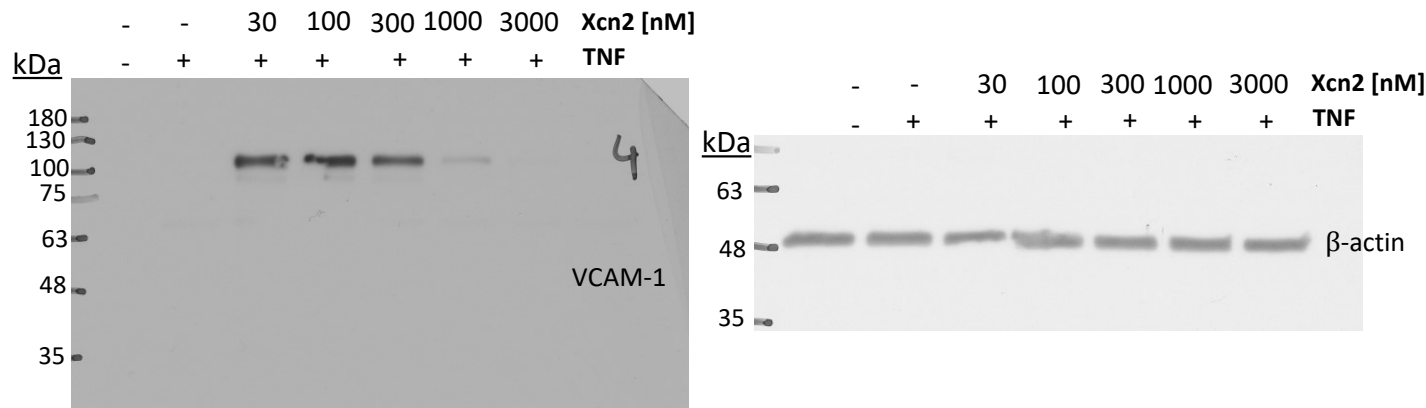
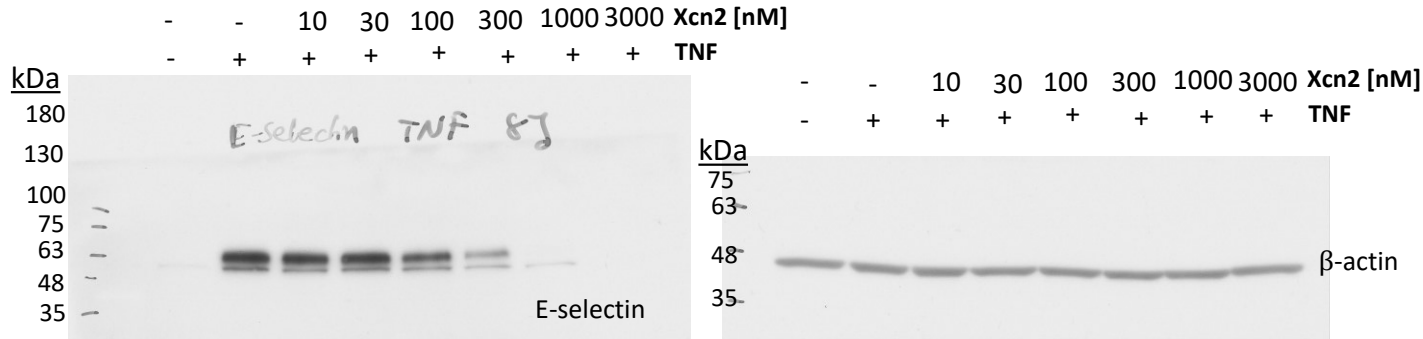
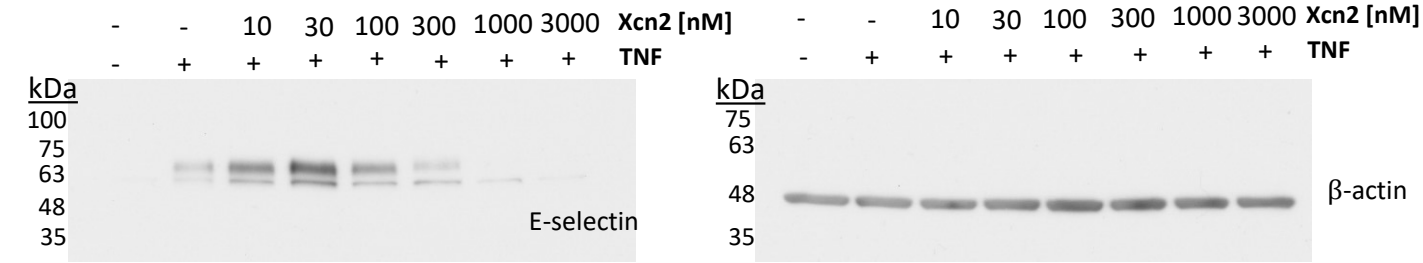


Figure 2B E-selectin induced by TNF

Blot 1



Blot 2



Blot 3

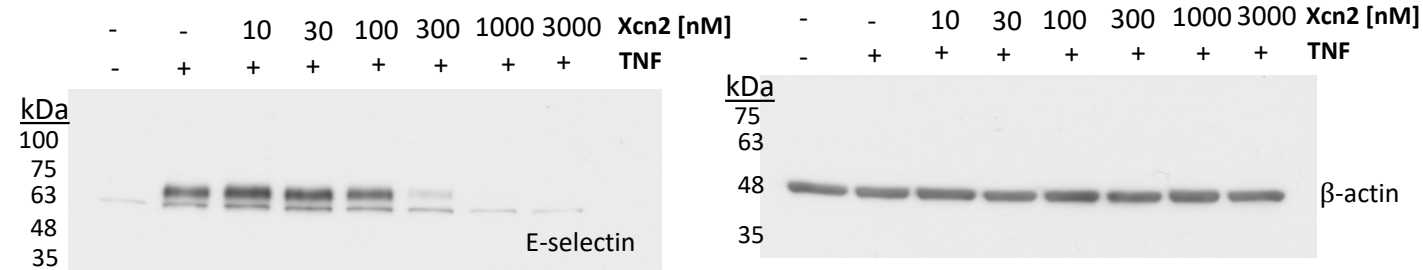
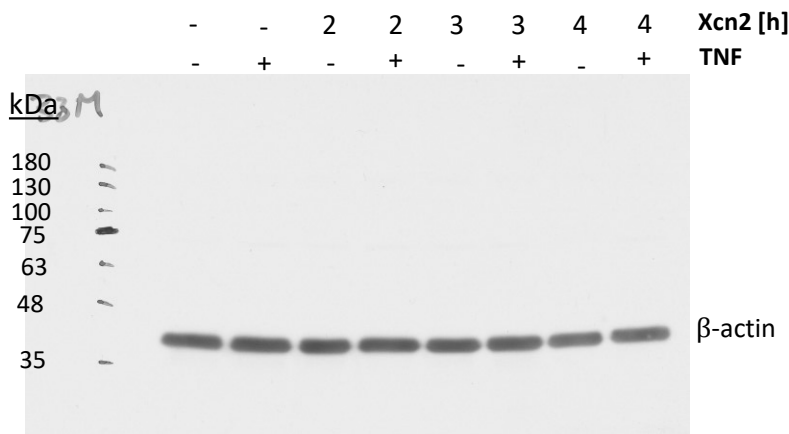
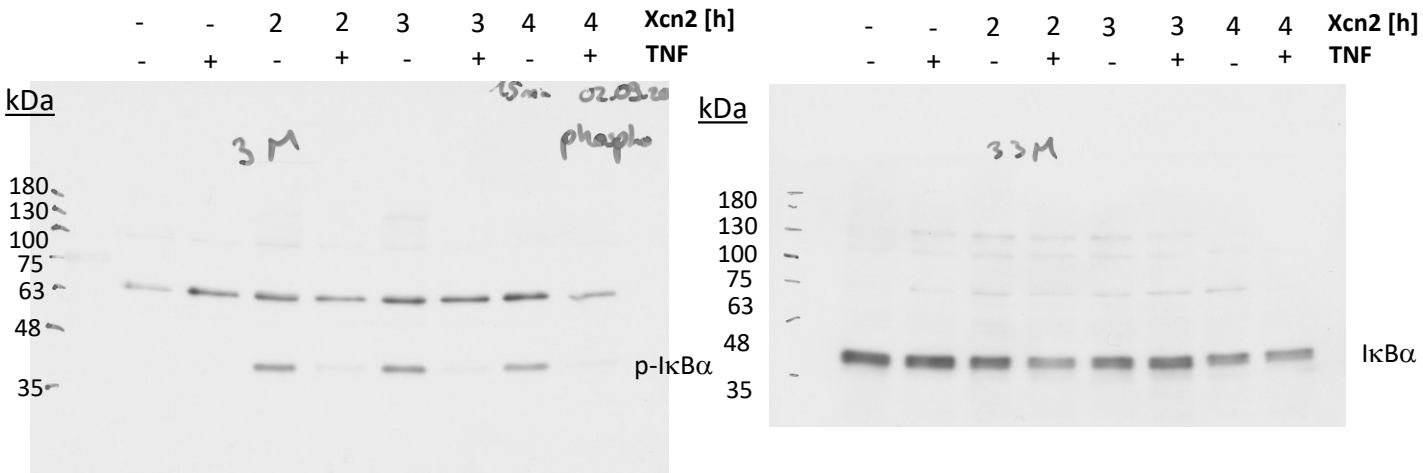


Figure 3C $p\text{-I}\kappa\text{B}\alpha$ (6 h Xcn2 preincubation)

Blot 1



Blot 2

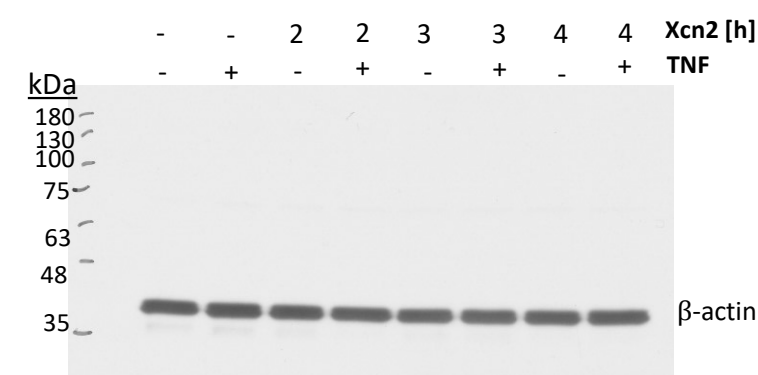
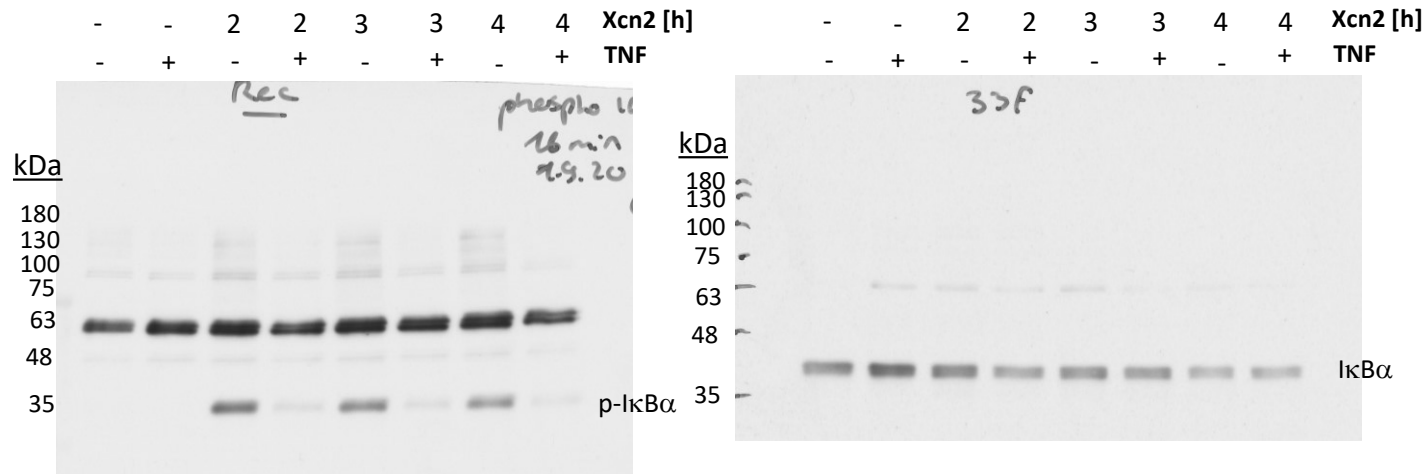
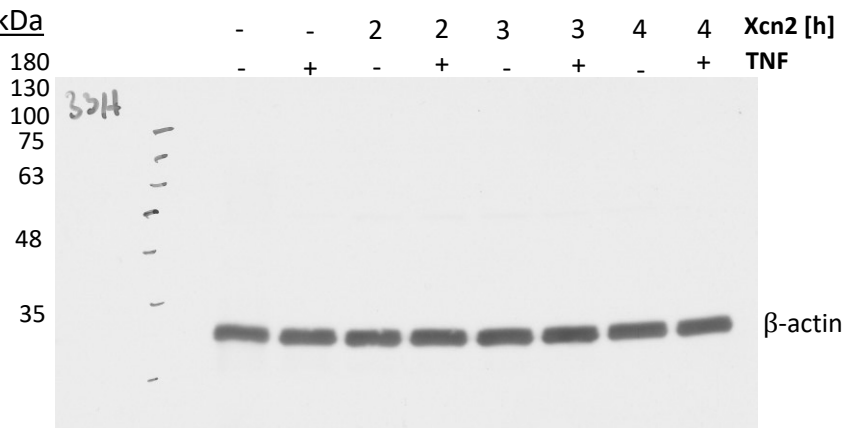
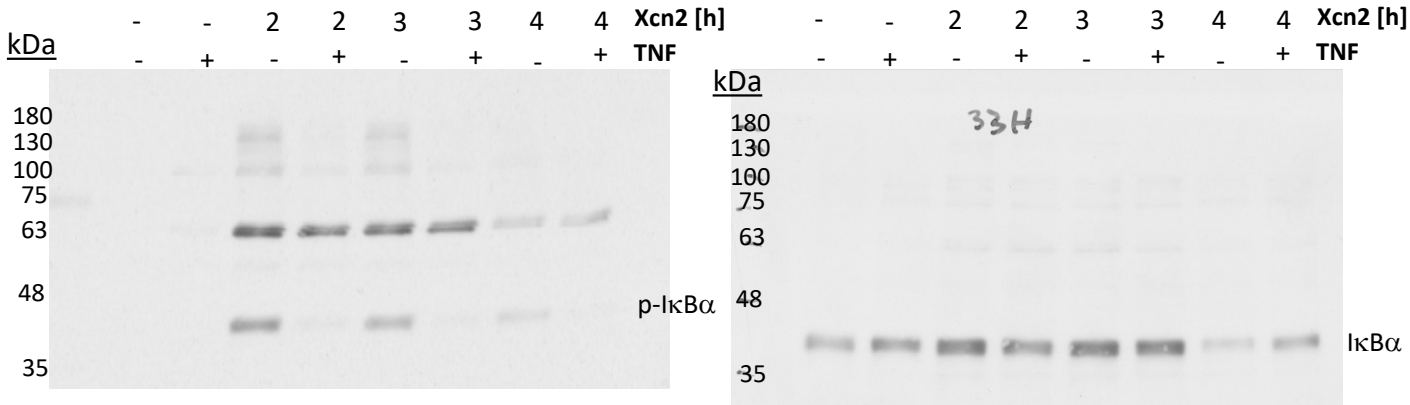


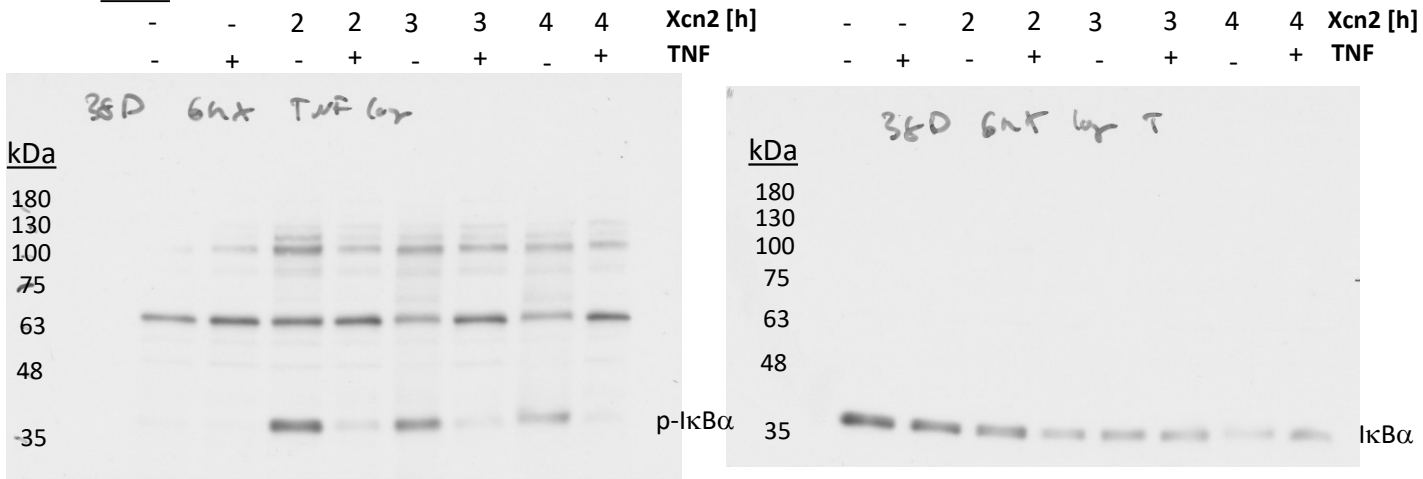
Figure 3C

p-IκBα (6 h Xcn2 preincubation)

Blot 3



Blot 4



Blot 4 (continued)

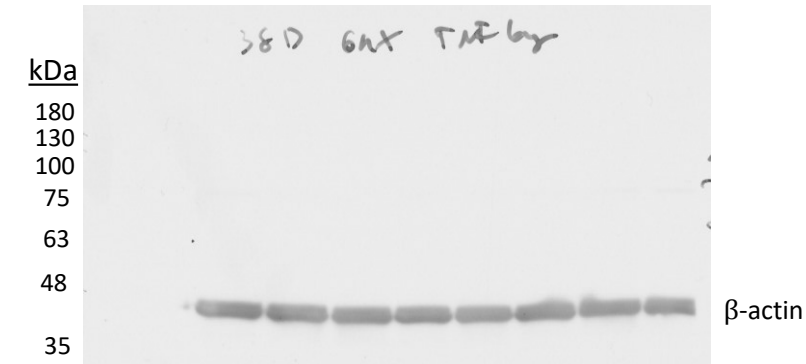


Figure 3C $p\text{-I}\kappa\text{B}\alpha$ (6 h Xcn2 preincubation)

Blot 5

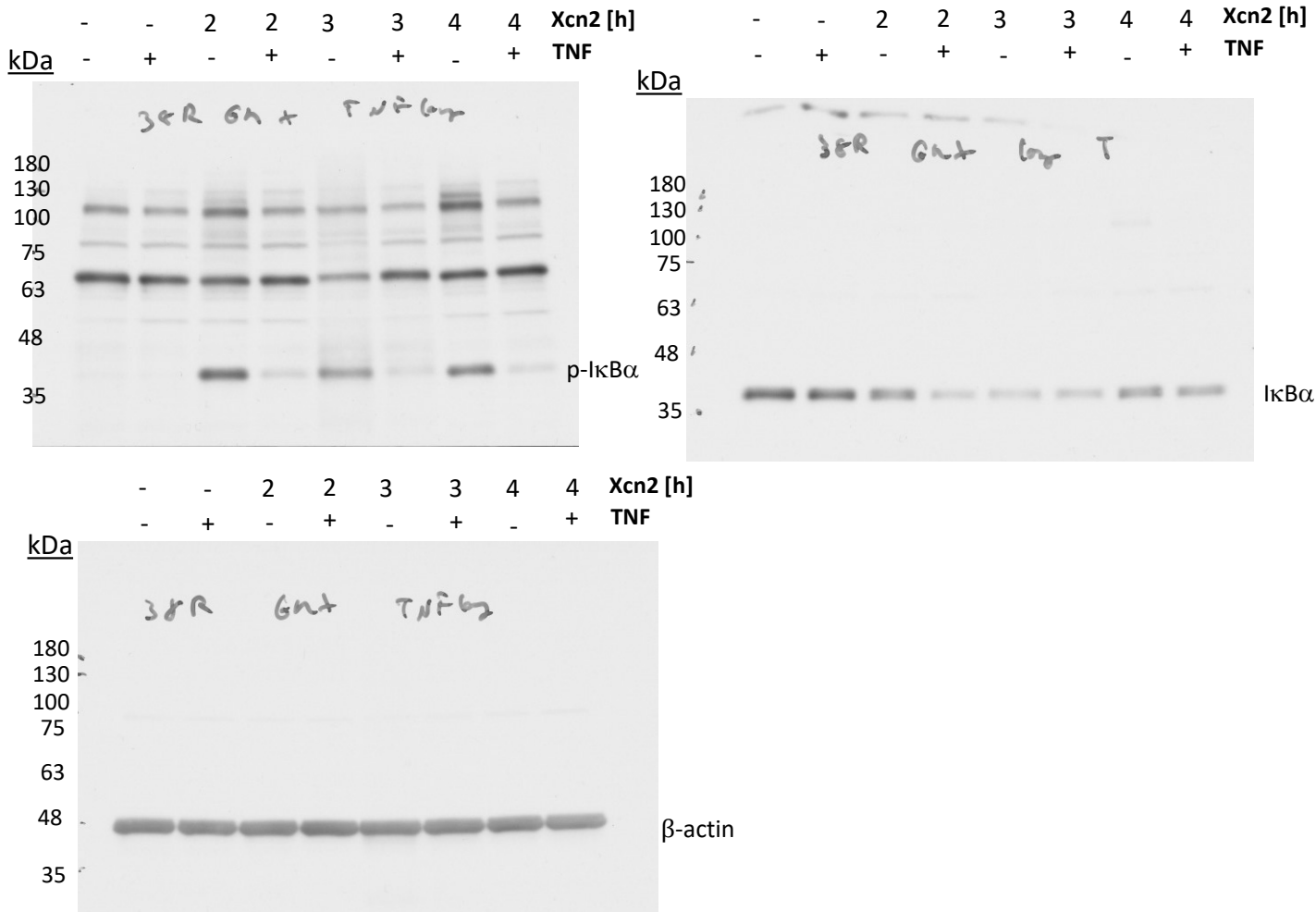
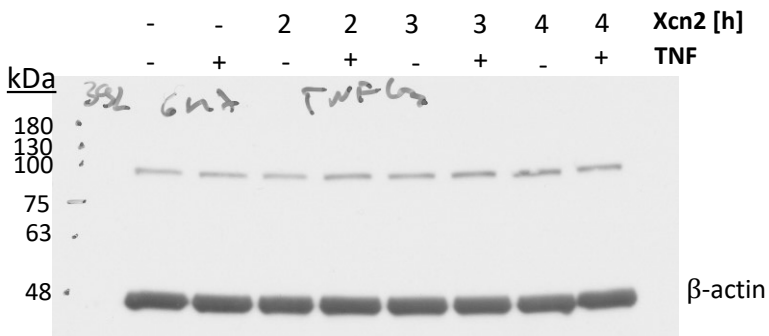
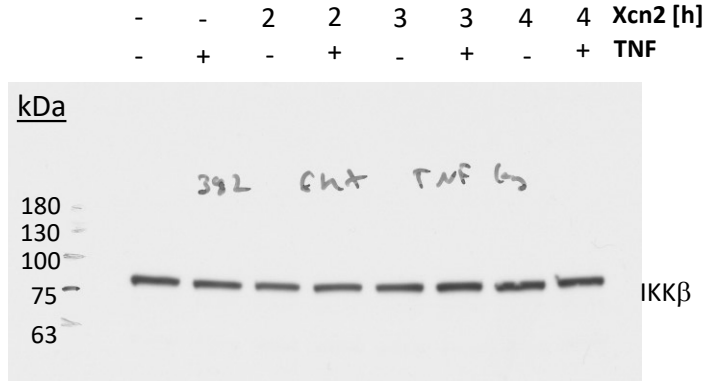
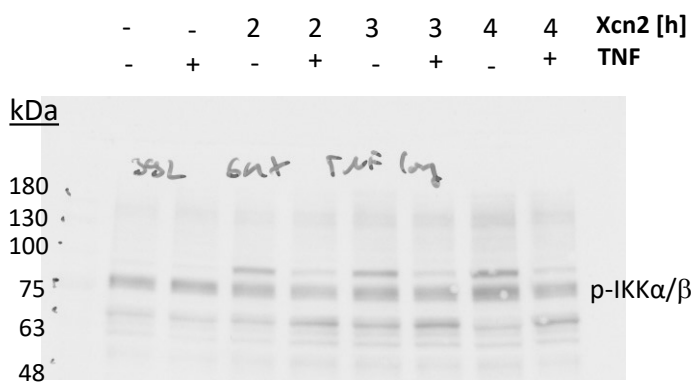


Figure 3D p-IKK α/β (6 h, TNF)

Blot 1



Blot 2

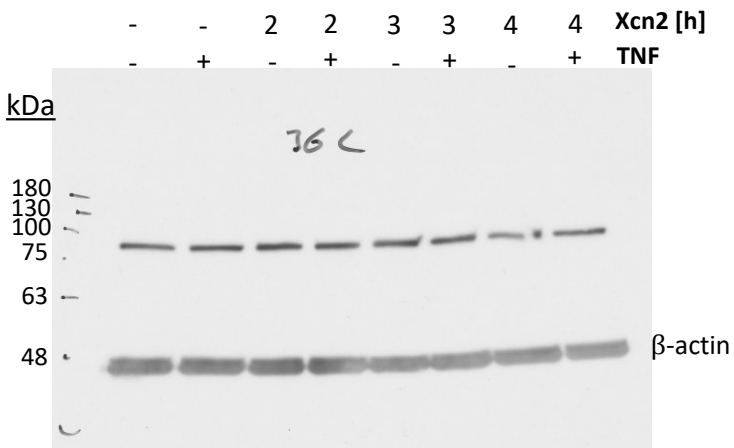
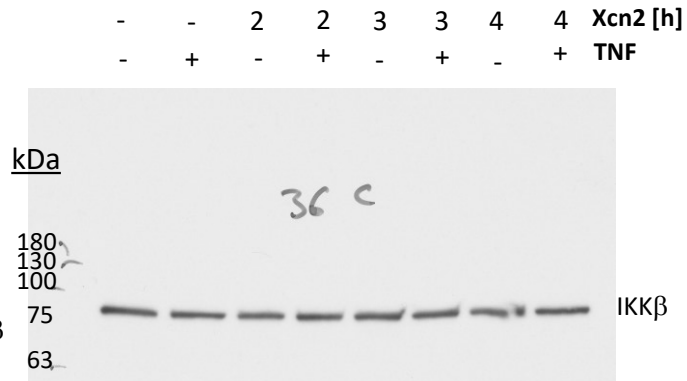
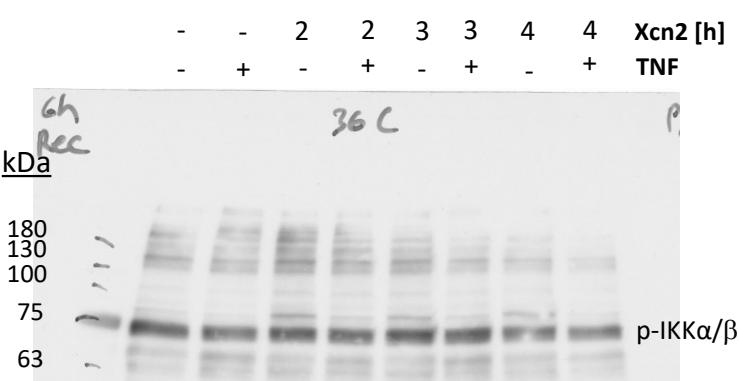
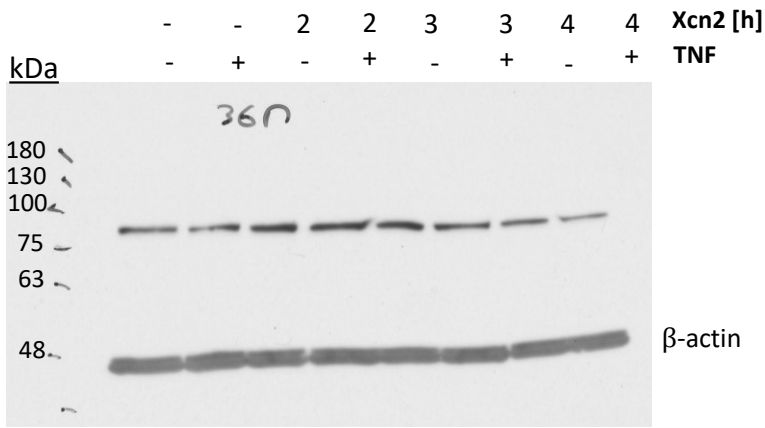
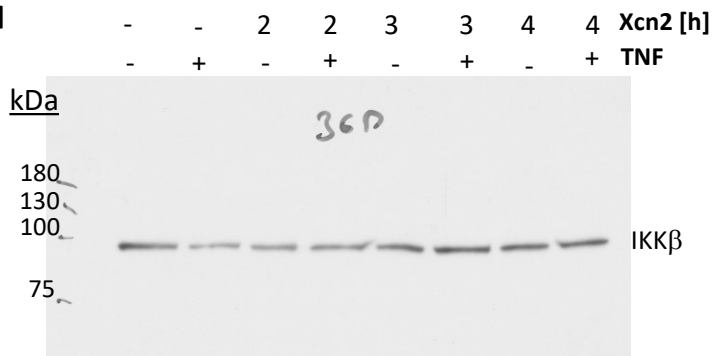
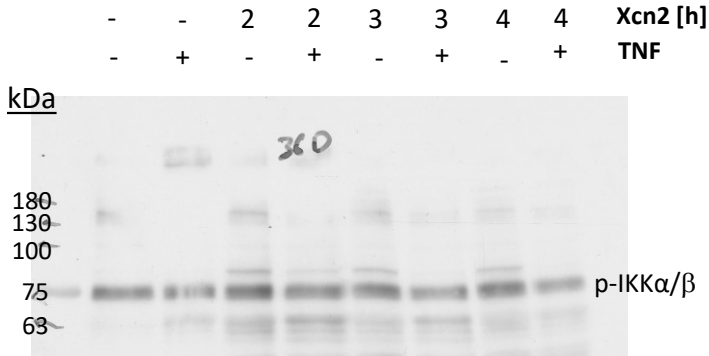


Figure 3D p-IKK α/β (6 h, TNF)

Blot 3



Blot 4

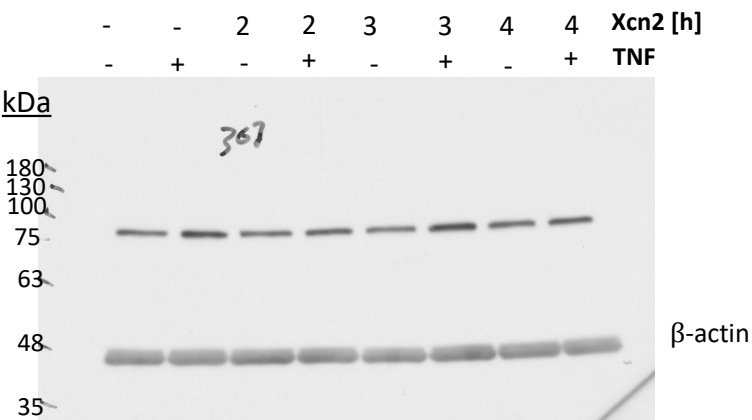
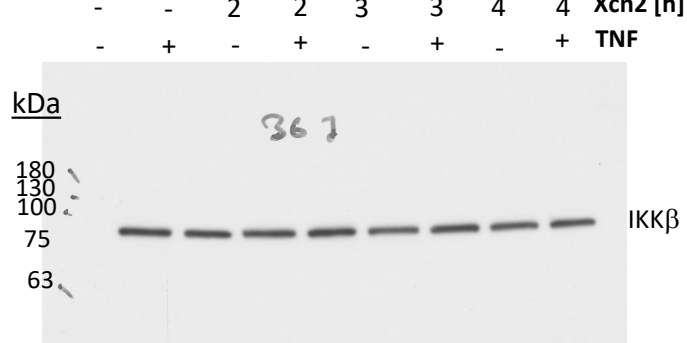
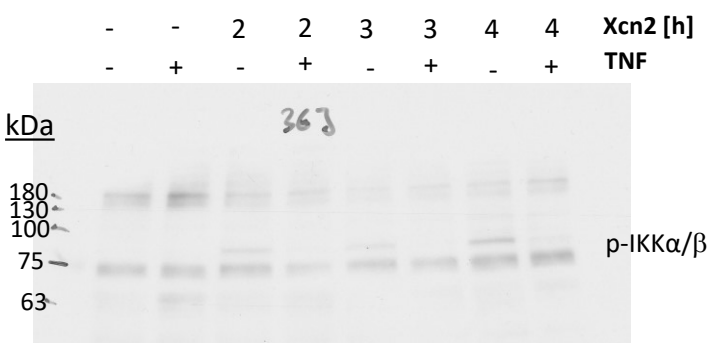
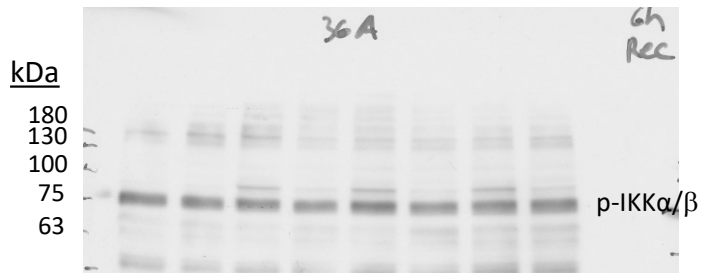


Figure 3D $p\text{-IKK}\alpha/\beta$ (6 h, TNF)

Blot 5

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



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

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

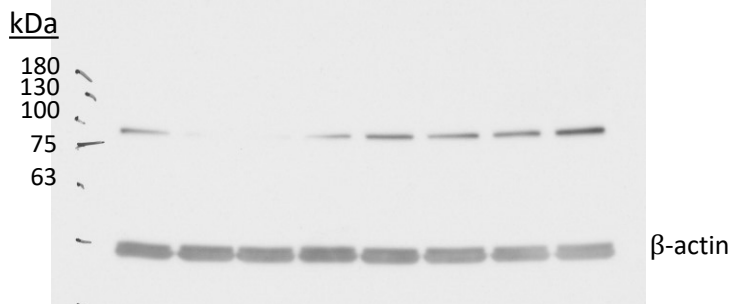
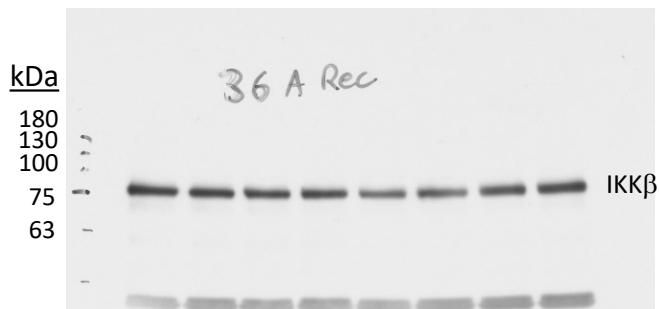
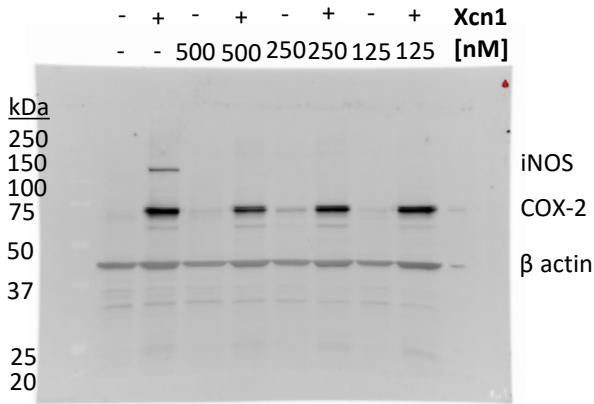


Figure 4G

iNOS and COX-2 levels in RAW264.7 macrophages

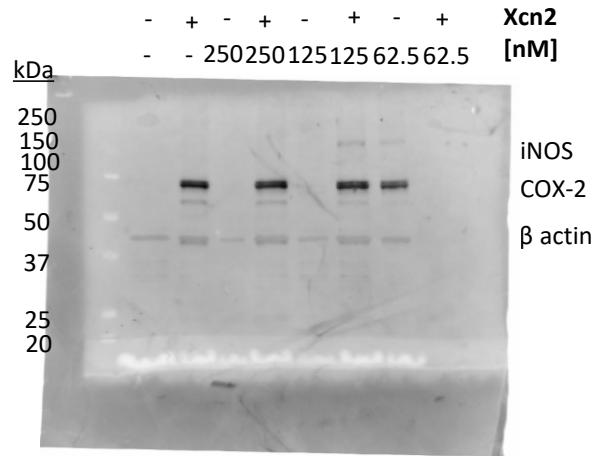
Xcn1

Blot 1

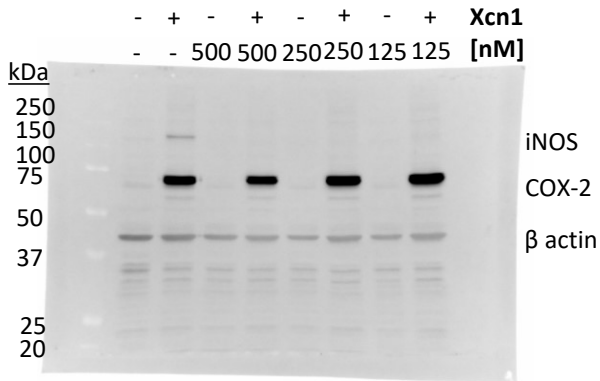


Xcn2

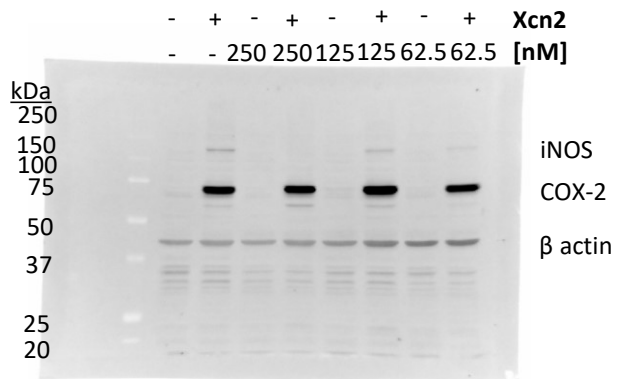
Blot 1



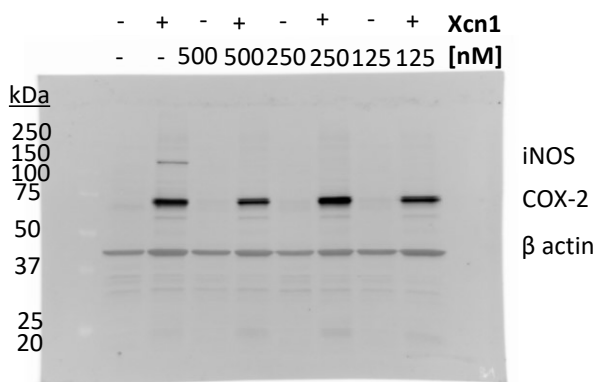
Blot 2



Blot 2



Blot 3



Blot 3

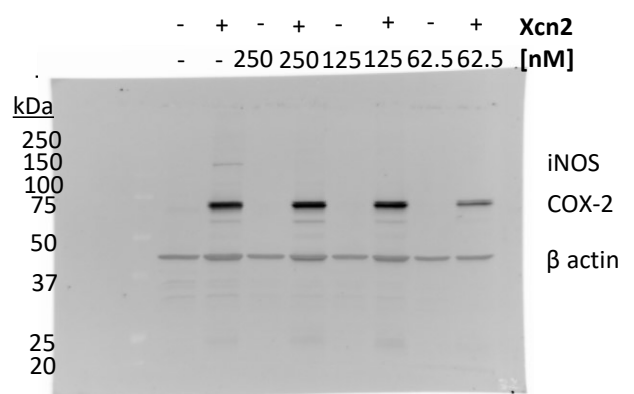
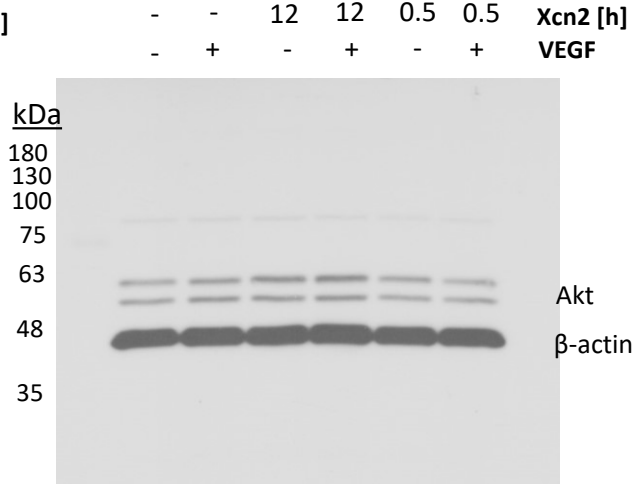
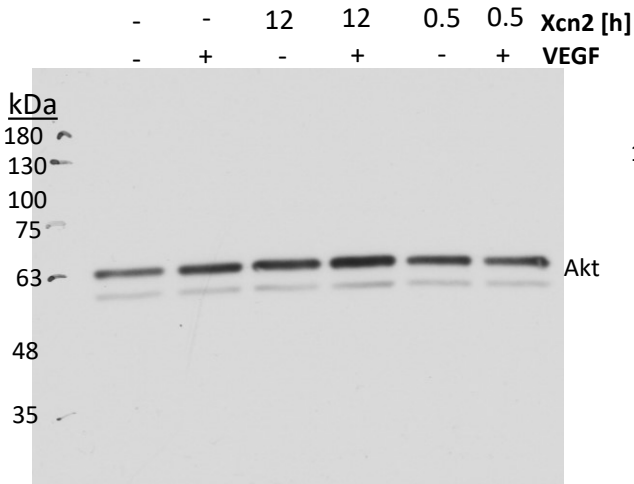


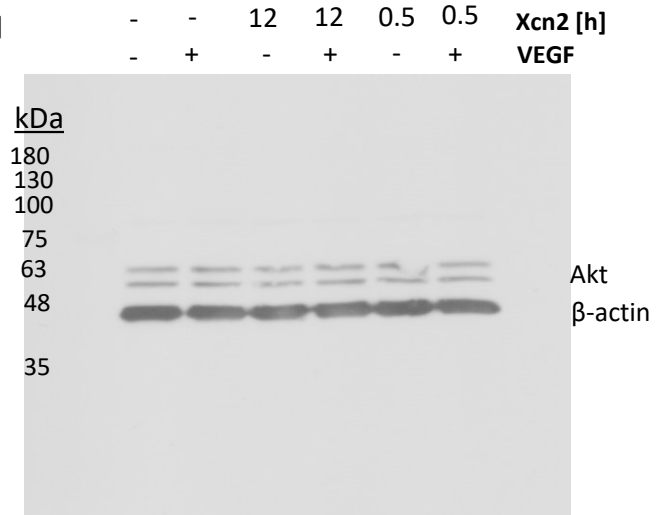
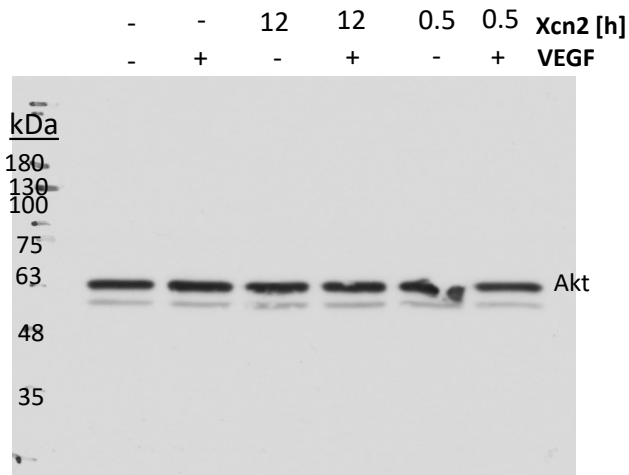
Figure 5F (left)

Akt, , Xcn2 1000 nM

Blot 1



Blot 2



Blot 3

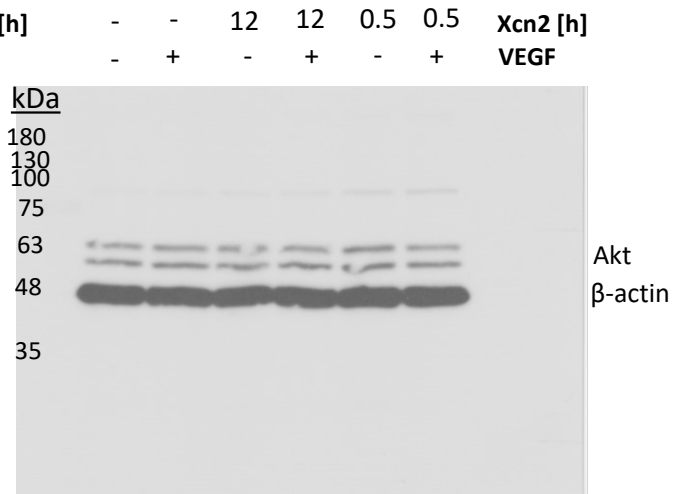
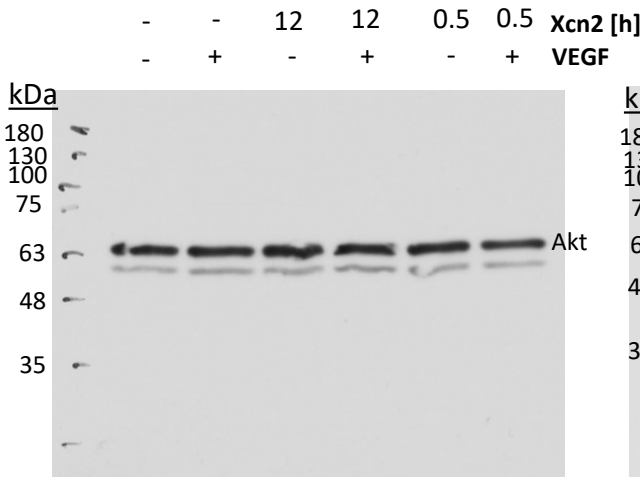
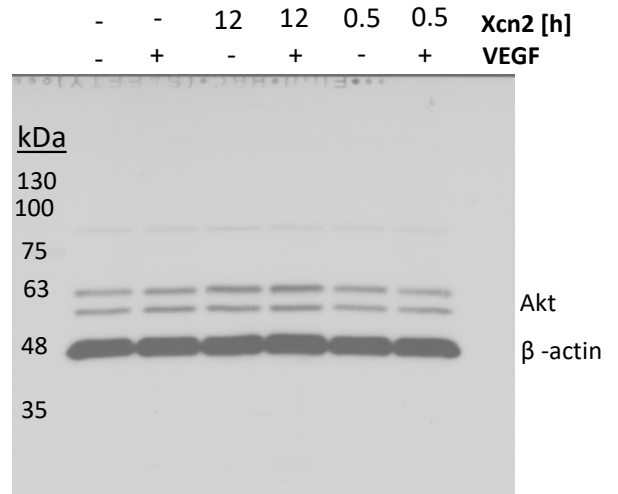
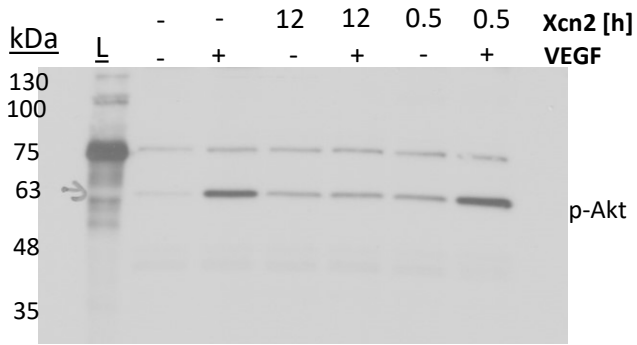


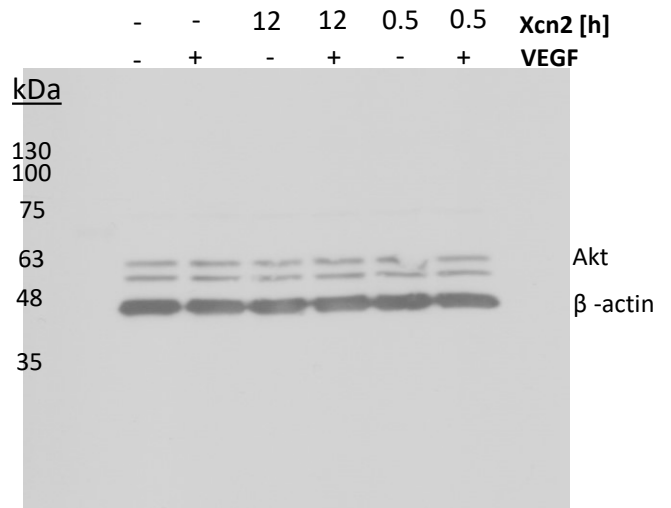
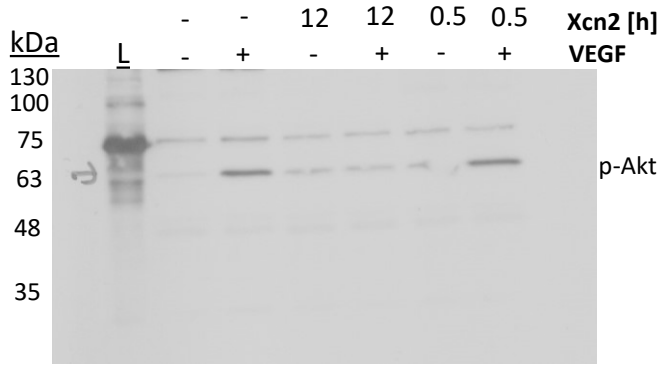
Figure 5F (left)

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

Blot 1



Blot 2



Blot 3

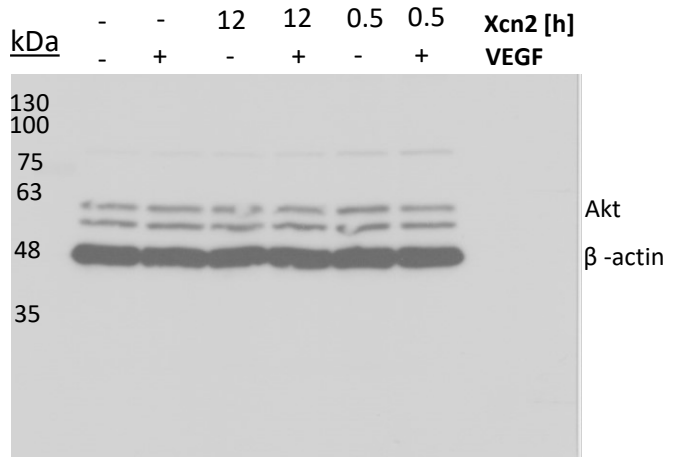
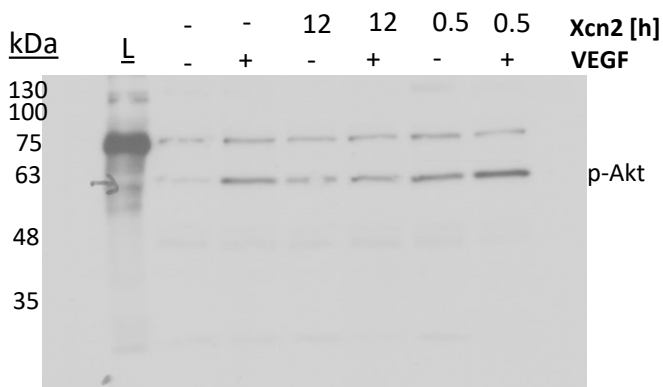
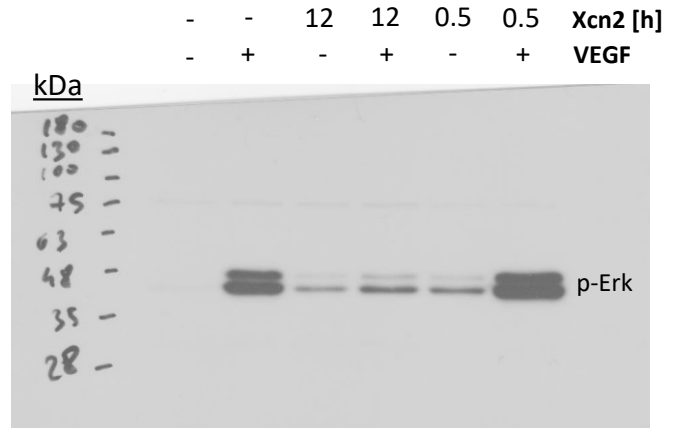
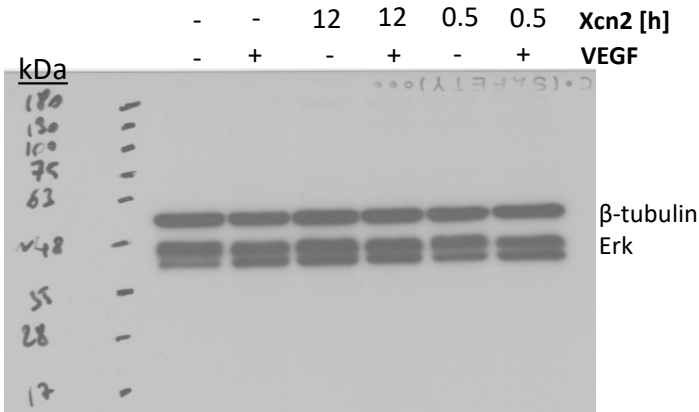


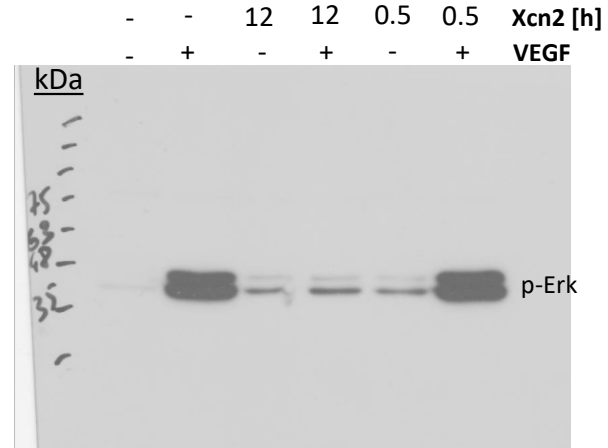
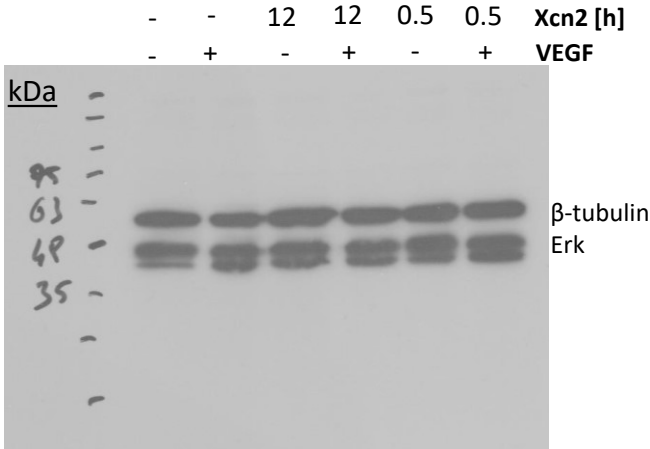
Figure 5F (right)

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

Blot 1



Blot 2



Blot 3

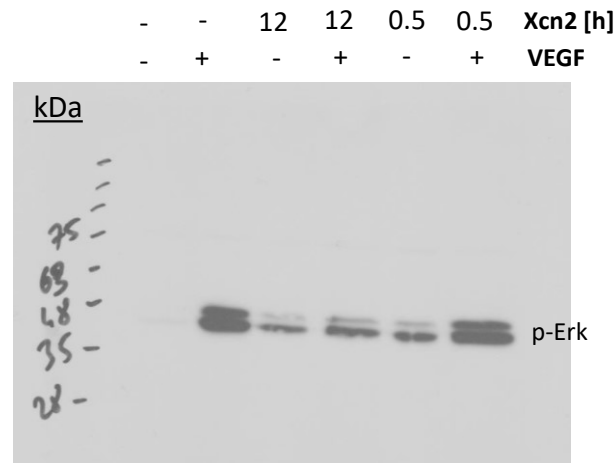
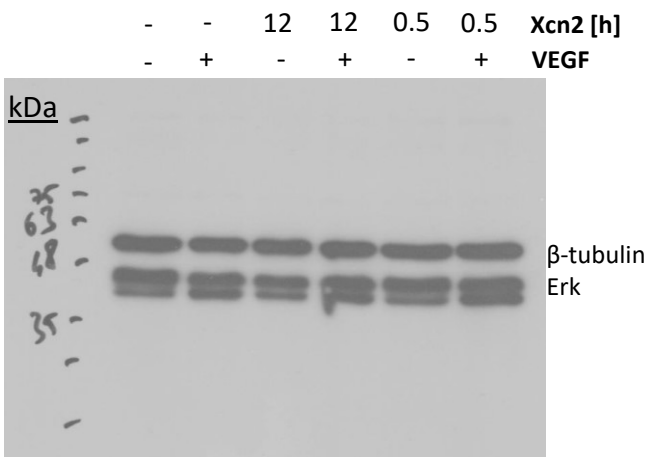
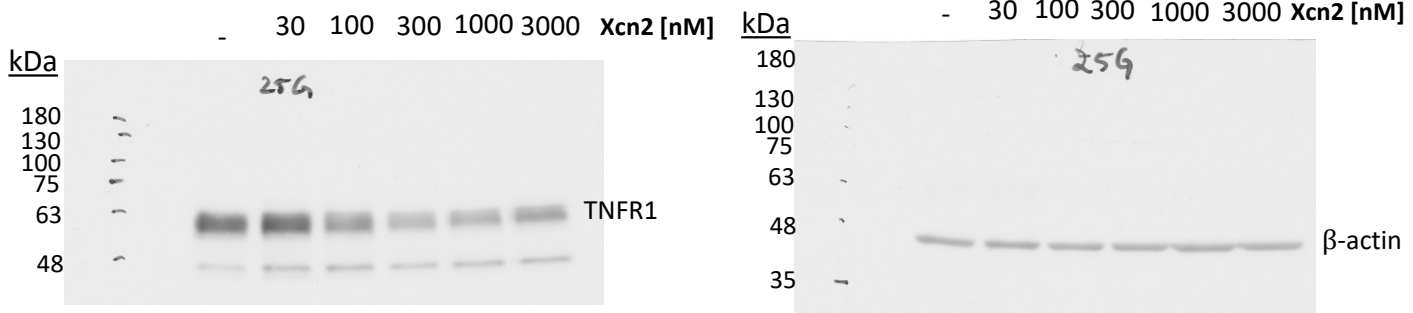
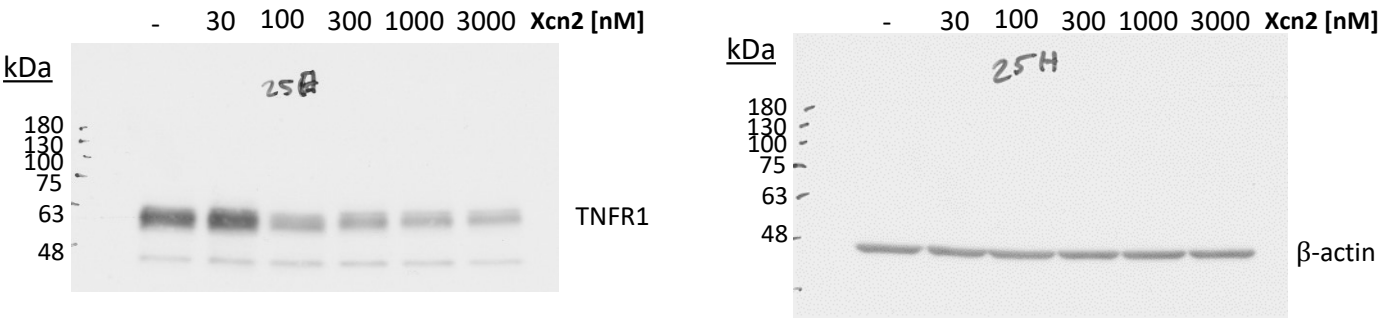


Figure 6C TNFR1 concentration range

Blot 1



Blot 2



Blot 3

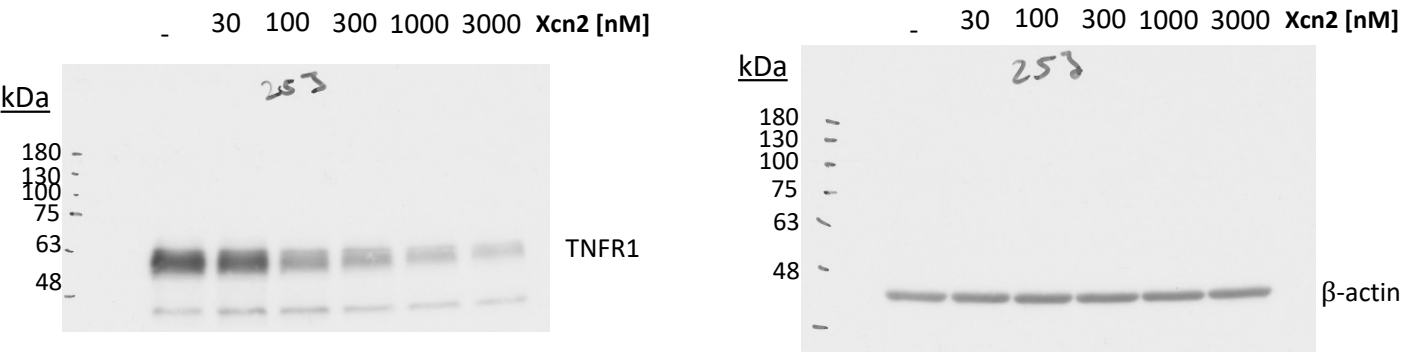
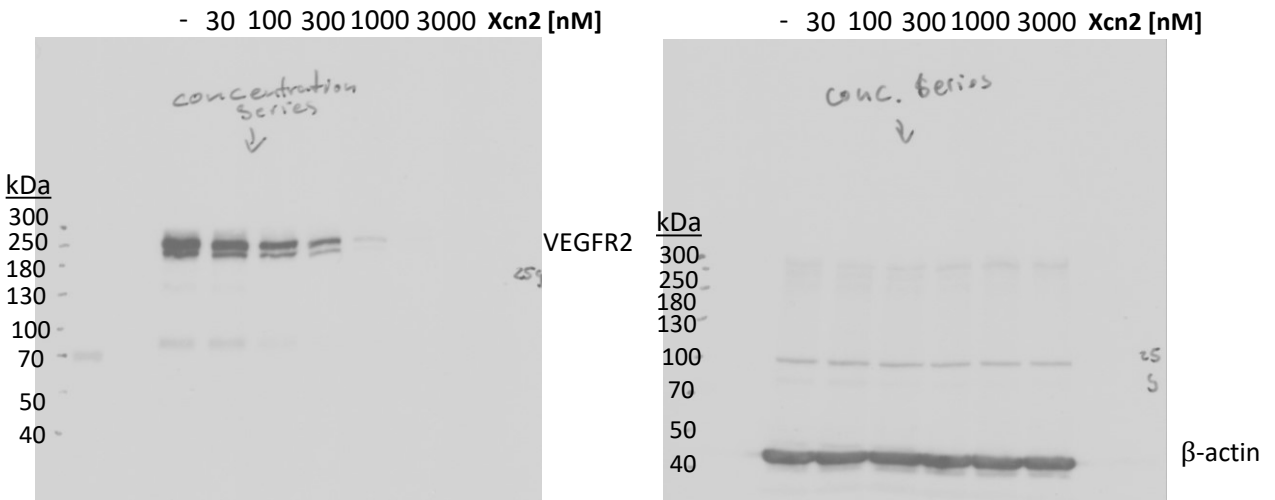


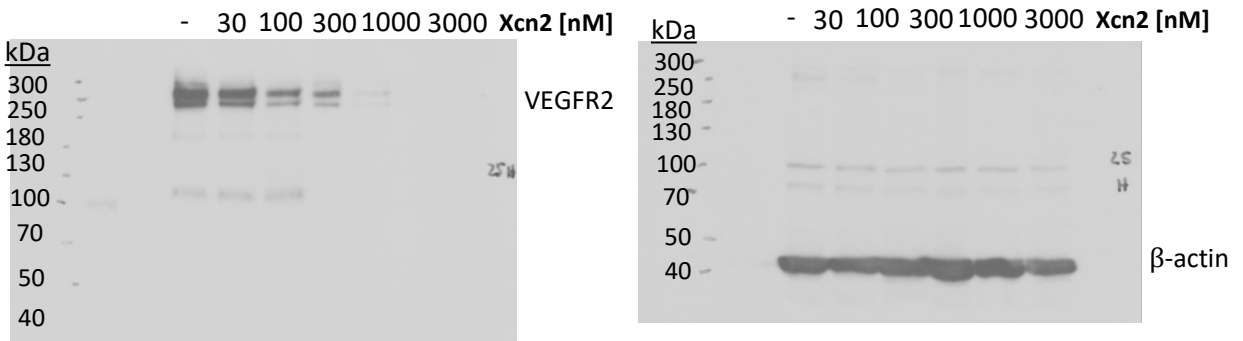
Figure 6D

VEGFR2 levels (Concentration Series, Xcn2 6h)

Blot 1



Blot 2



Blot 3

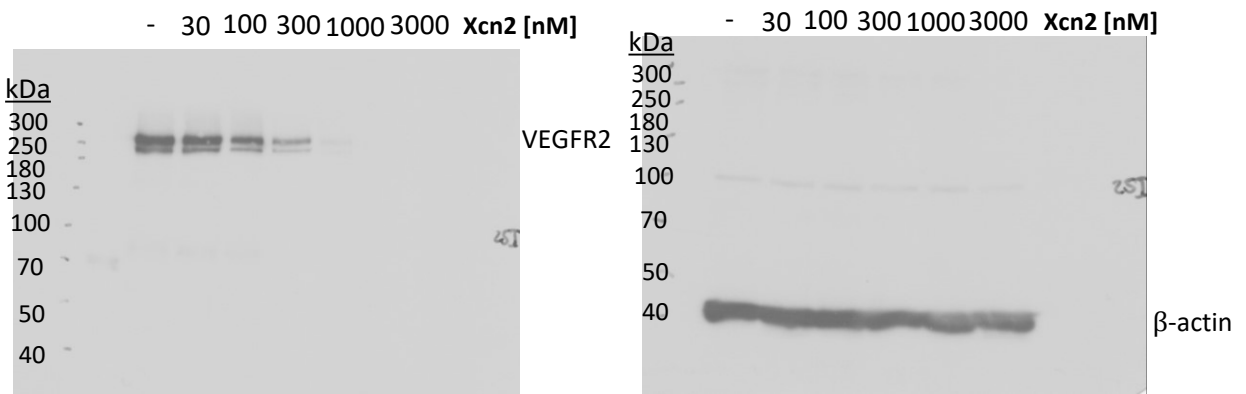
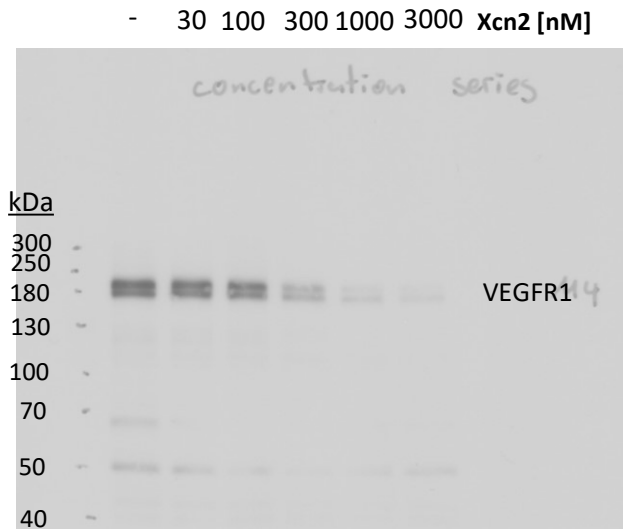


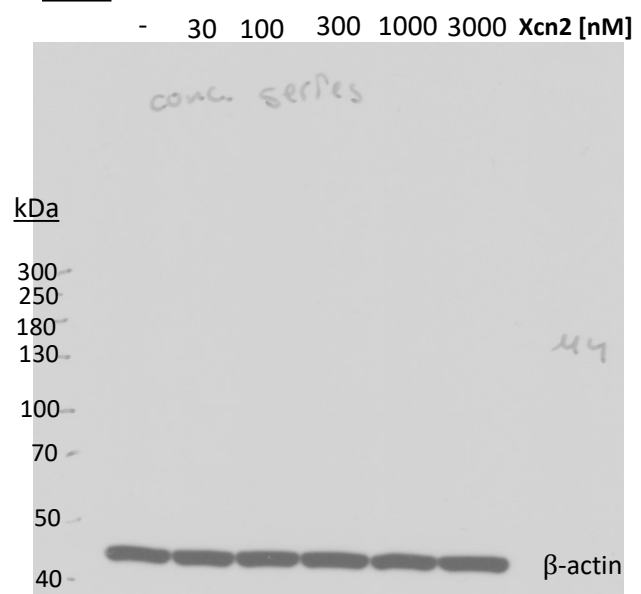
Figure 6E

VEGFR1 levels (Concentration Series, Xcn2 6h)

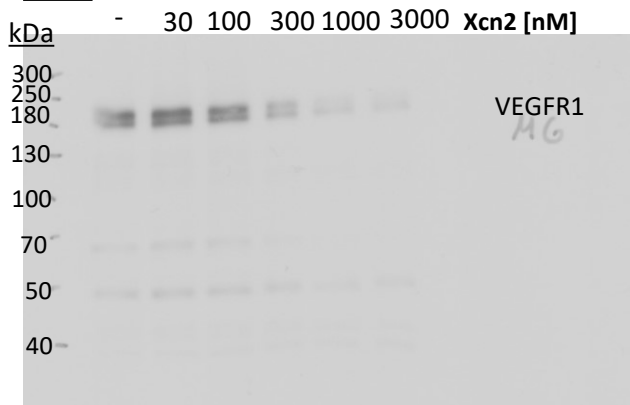
Blot 1



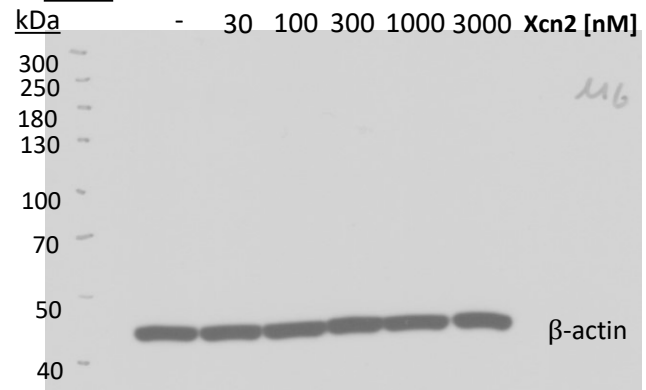
Blot 1



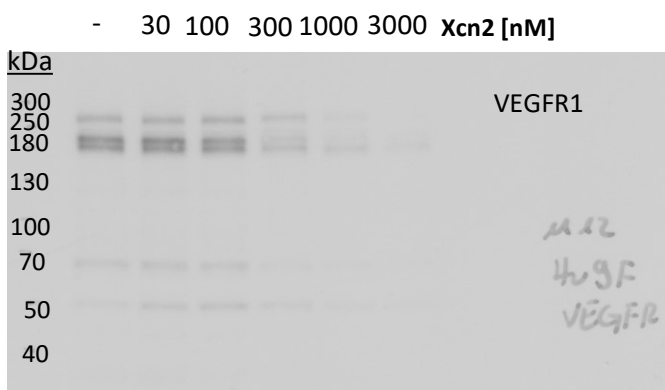
Blot 2



Blot 2



Blot 3



Blot 3

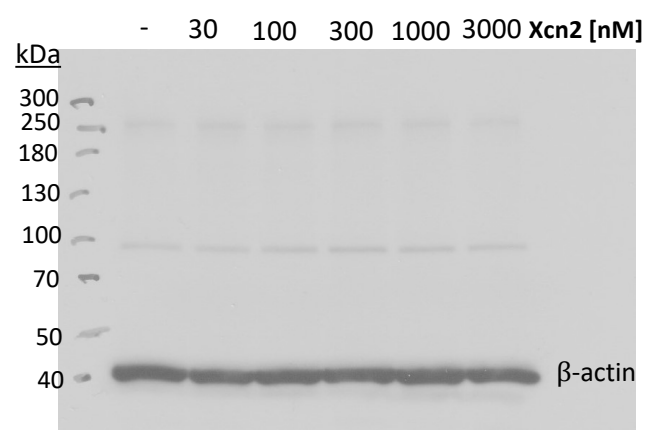
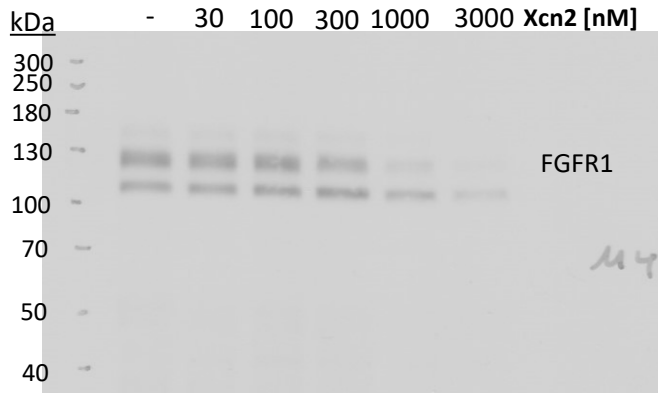


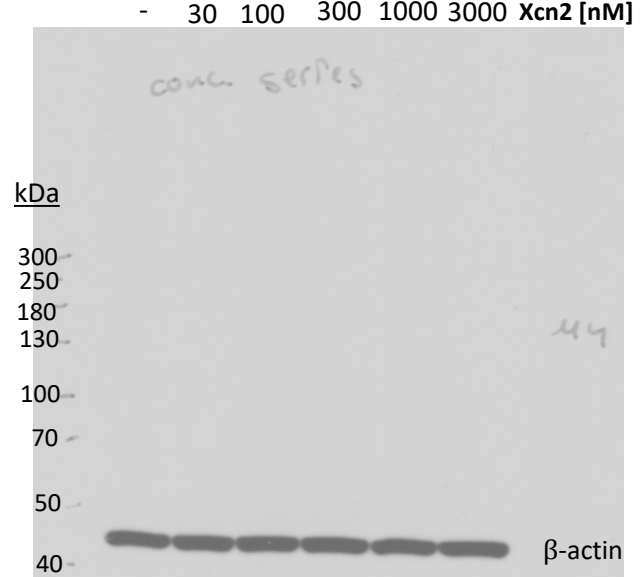
Figure 6F

FGFR1 levels (Concentration Series, Xcn2 6h)

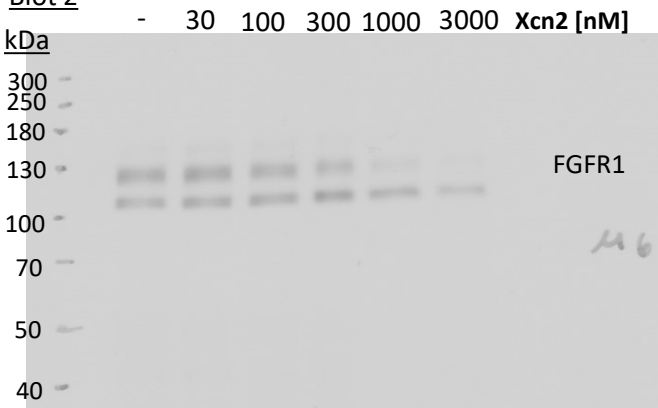
Blot 1



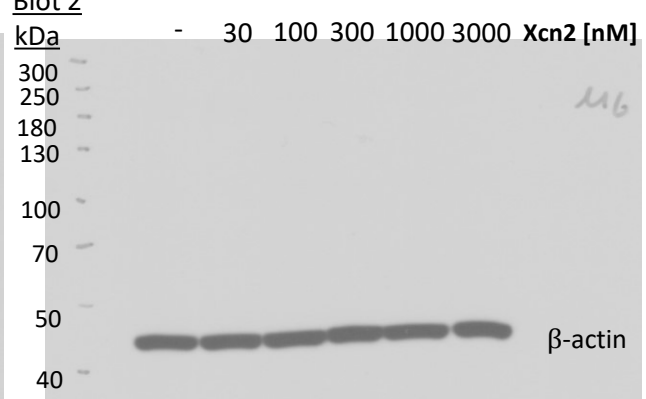
Blot 1



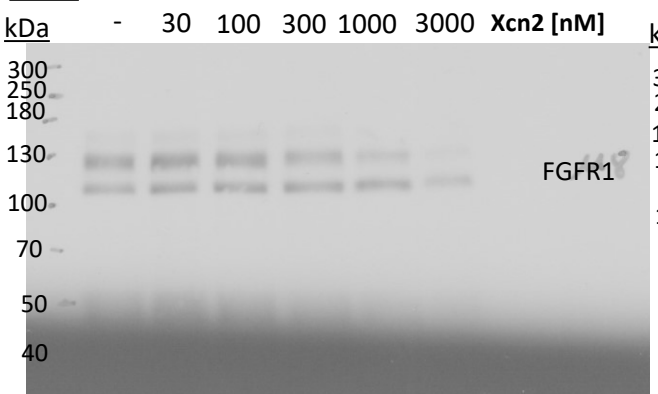
Blot 2



Blot 2



Blot 3



Blot 3

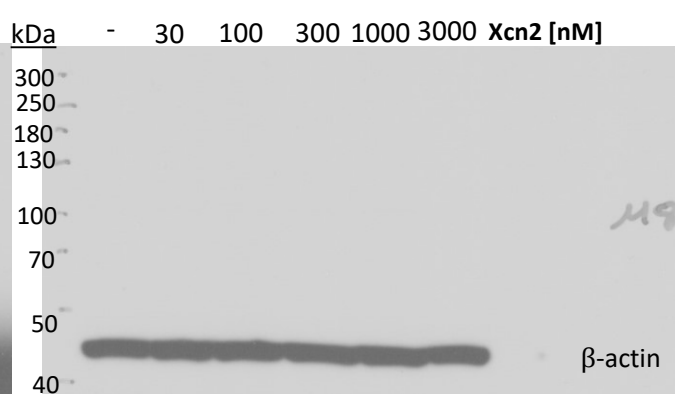
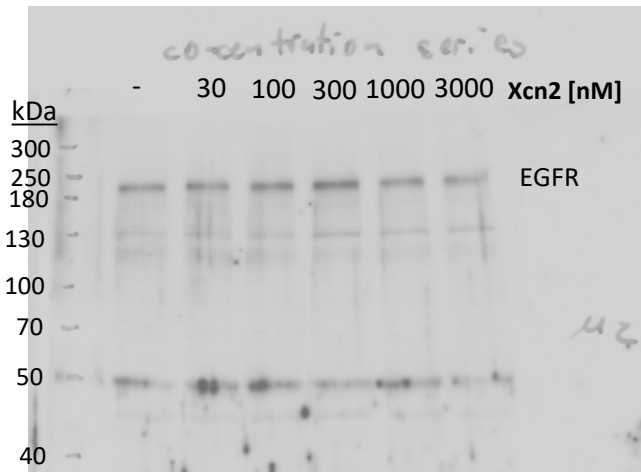


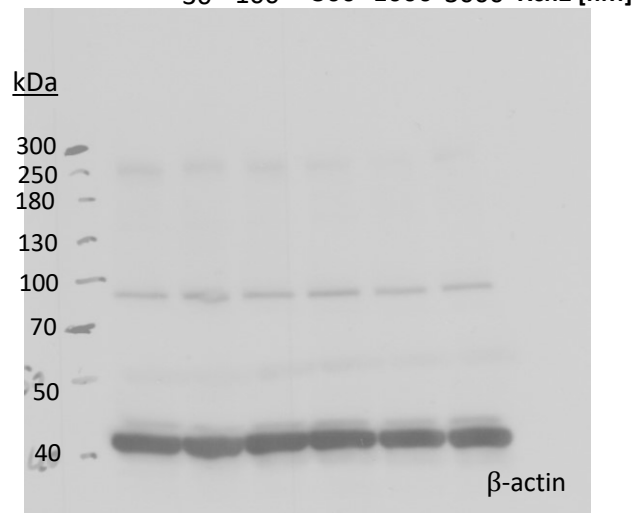
Figure 6G

EGFR levels (Concentration Series, Xcn2 6h)

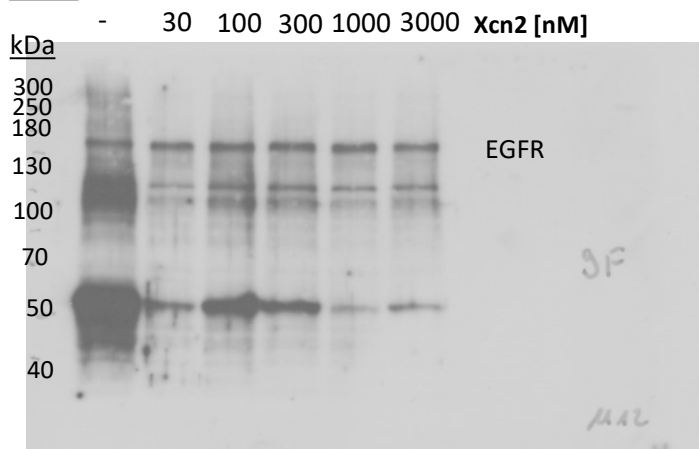
Blot 1



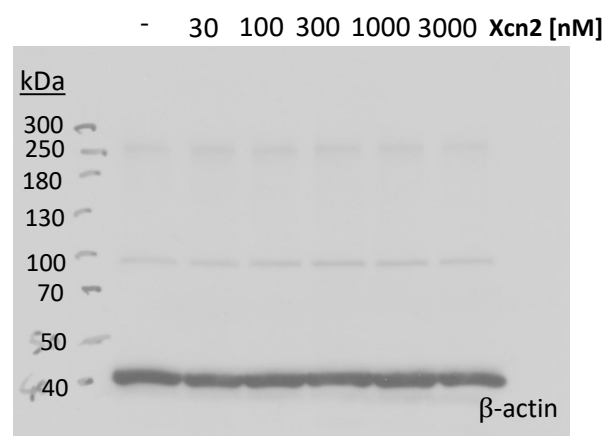
Blot 1



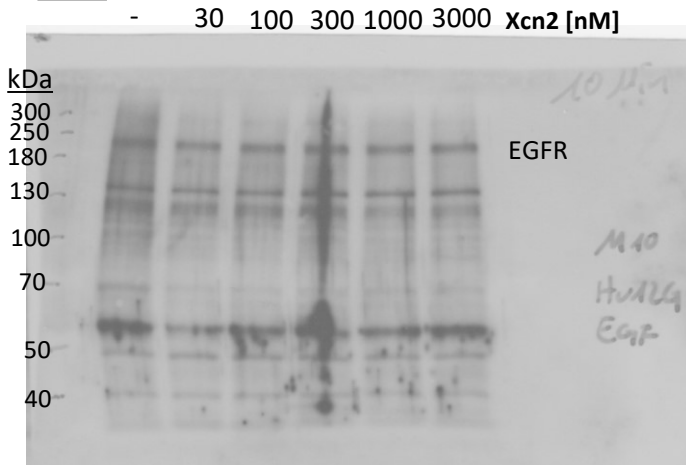
Blot 2



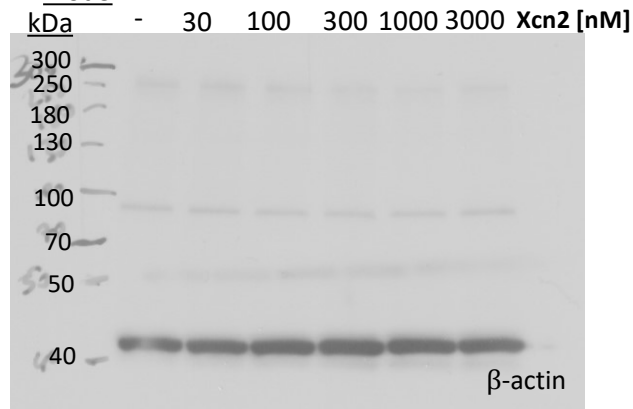
Blot 2



Blot 3

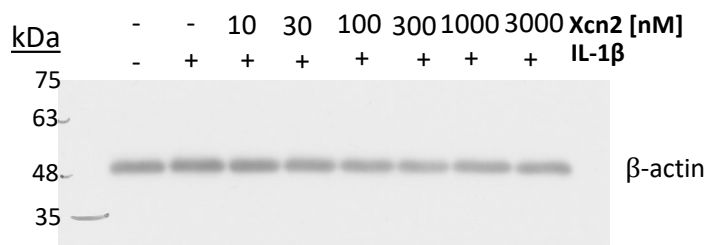
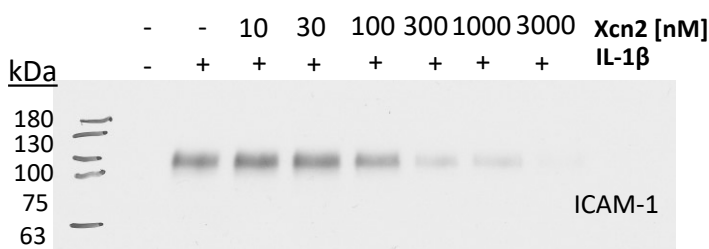


Blot 3

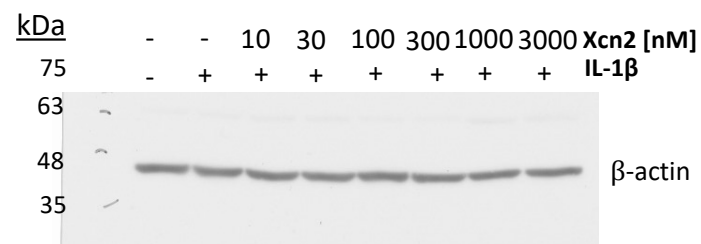
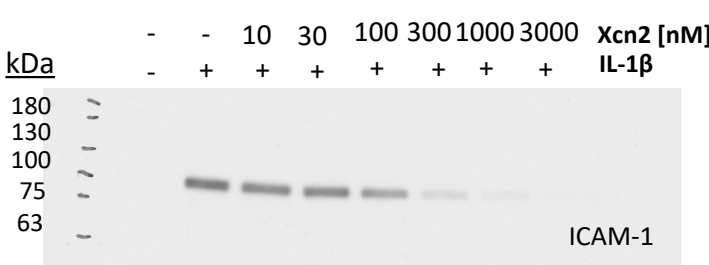


Supplement 4 ICAM-1 induced by IL-1b

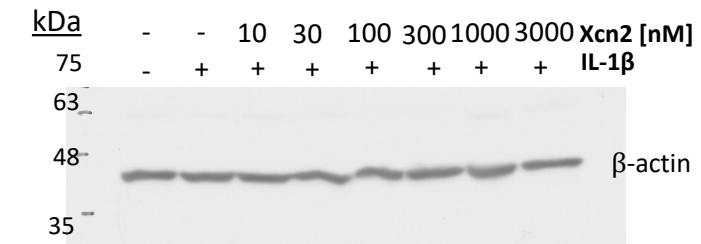
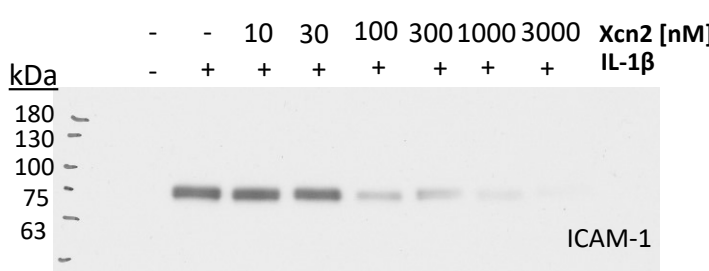
Blot 1



Blot 2

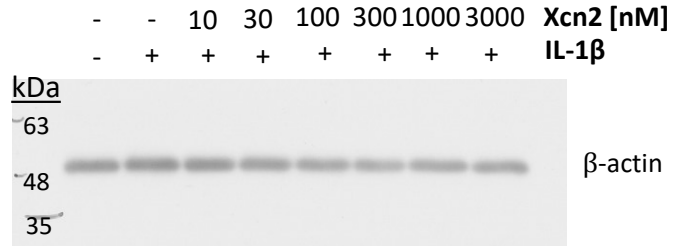
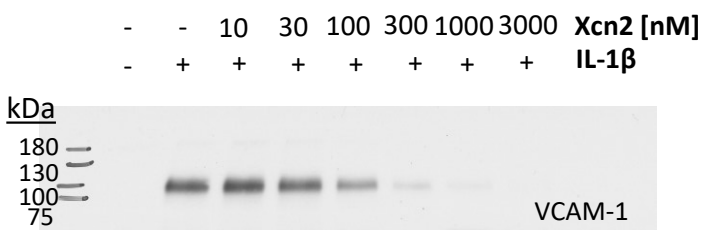


Blot 3

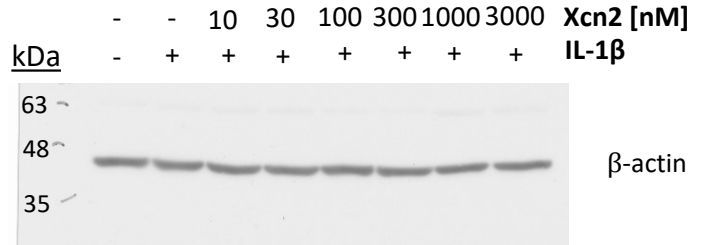
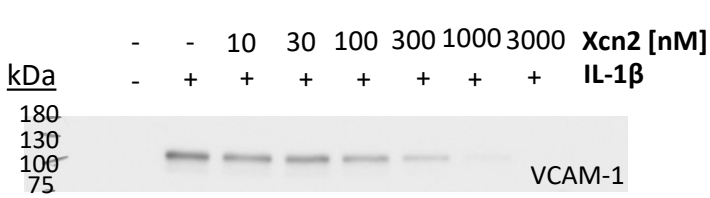


Supplement 4 VCAM-1 induced by IL-1b

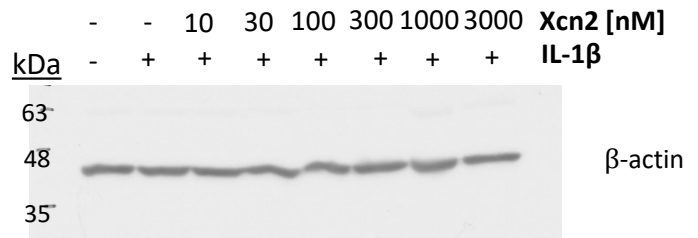
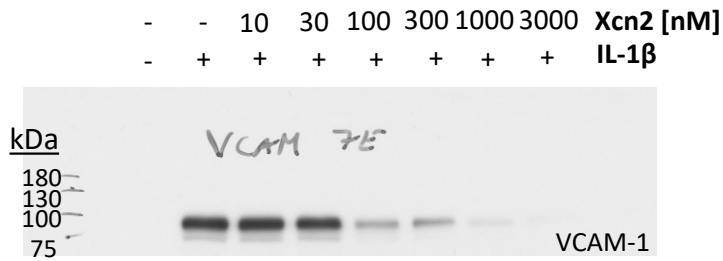
Blot 1



Blot 2



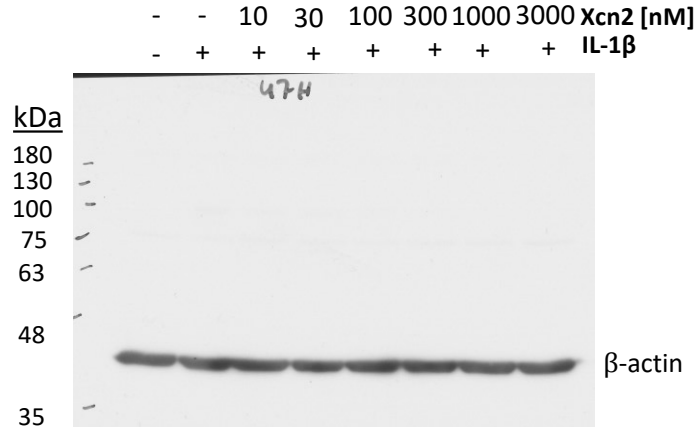
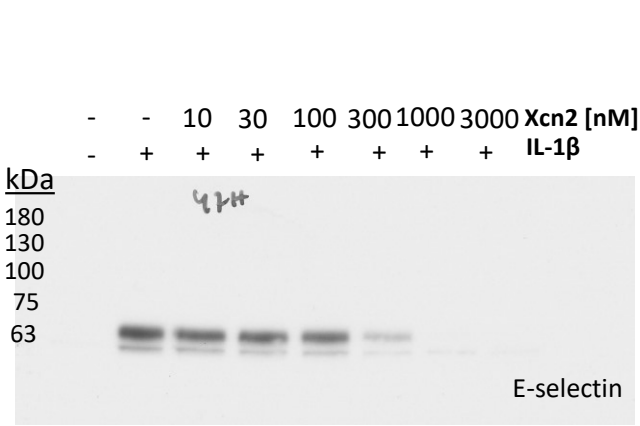
Blot 3



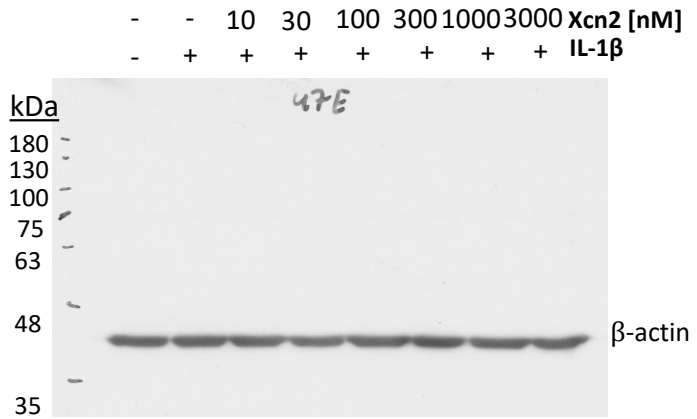
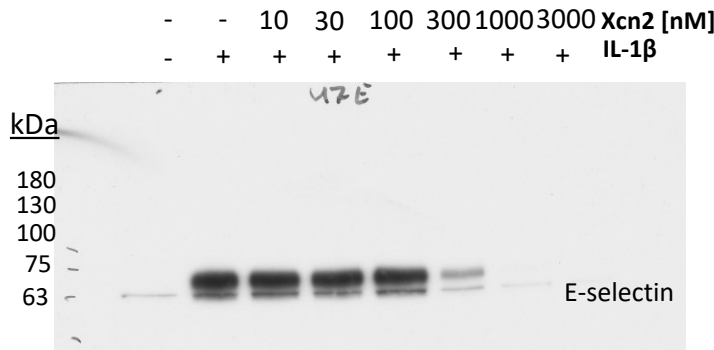
Supplement 4

E-selectin induced by IL-1 β

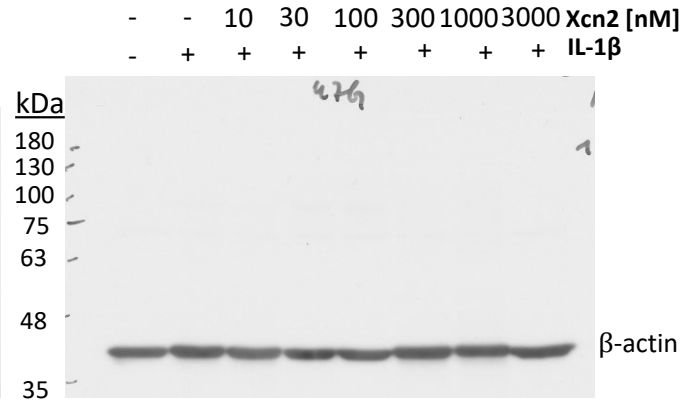
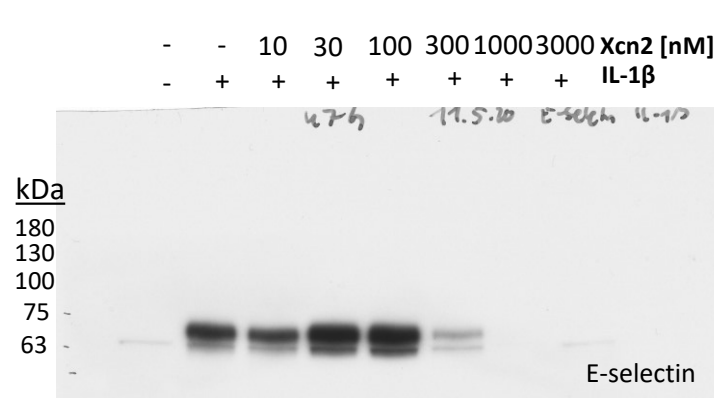
Blot 1



Blot 2

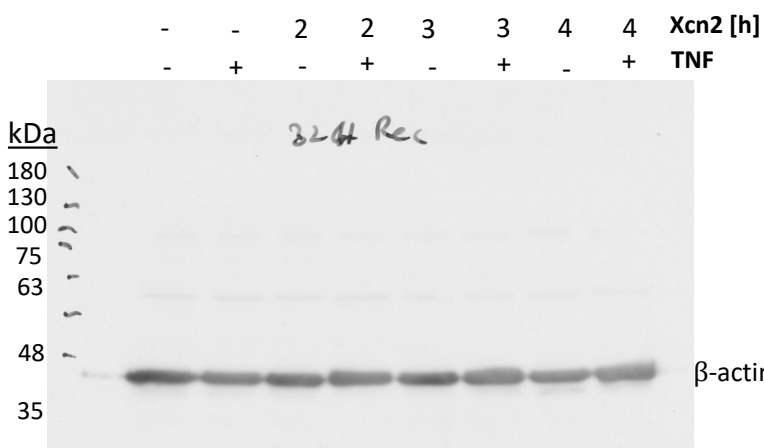
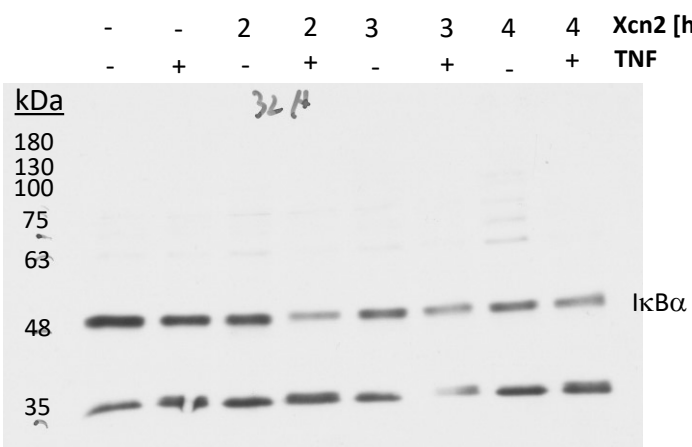
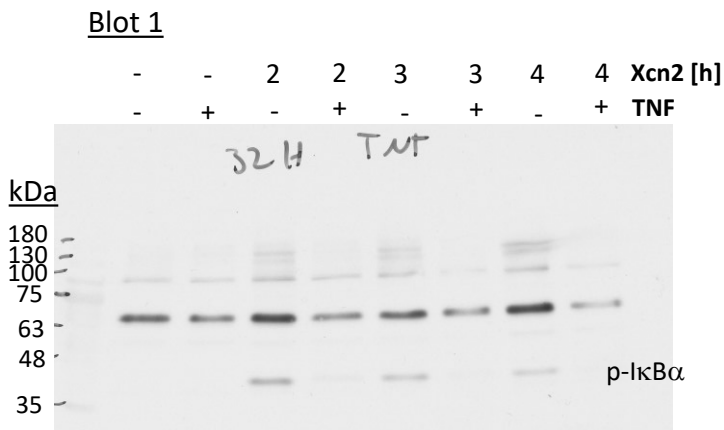


Blot 3

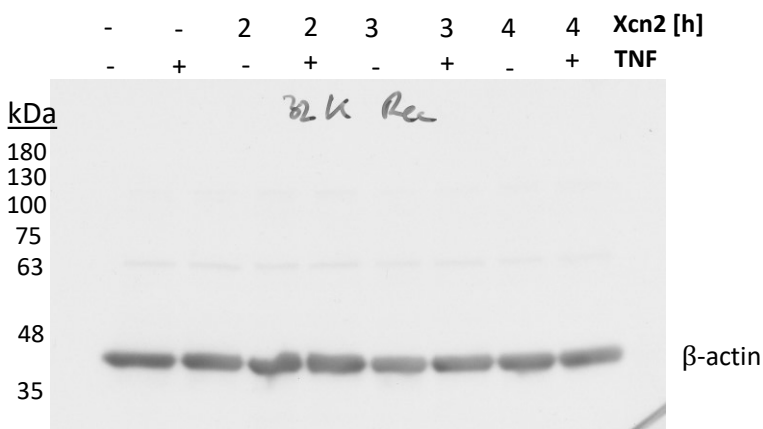
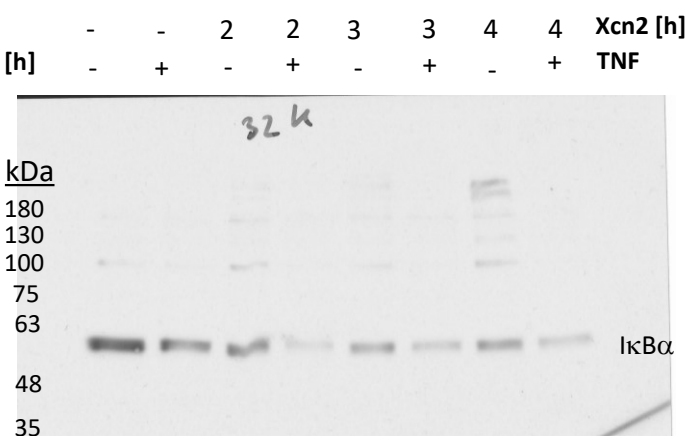
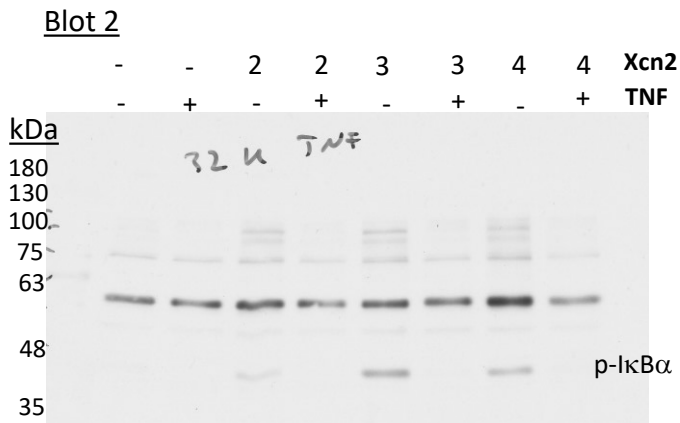


Supplement 5C p-IκBα (24 h, TNF)

Blot 1

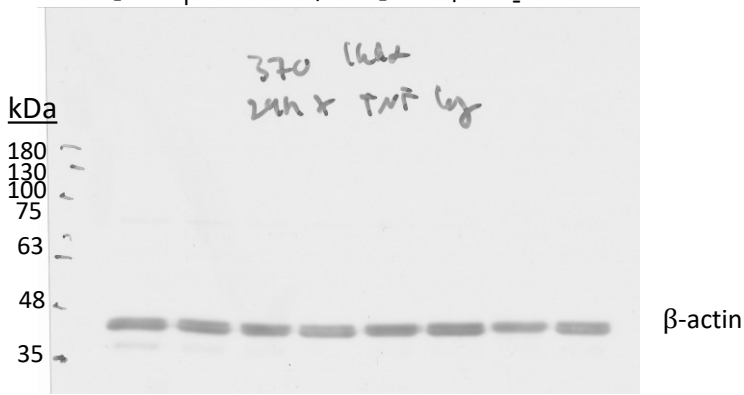
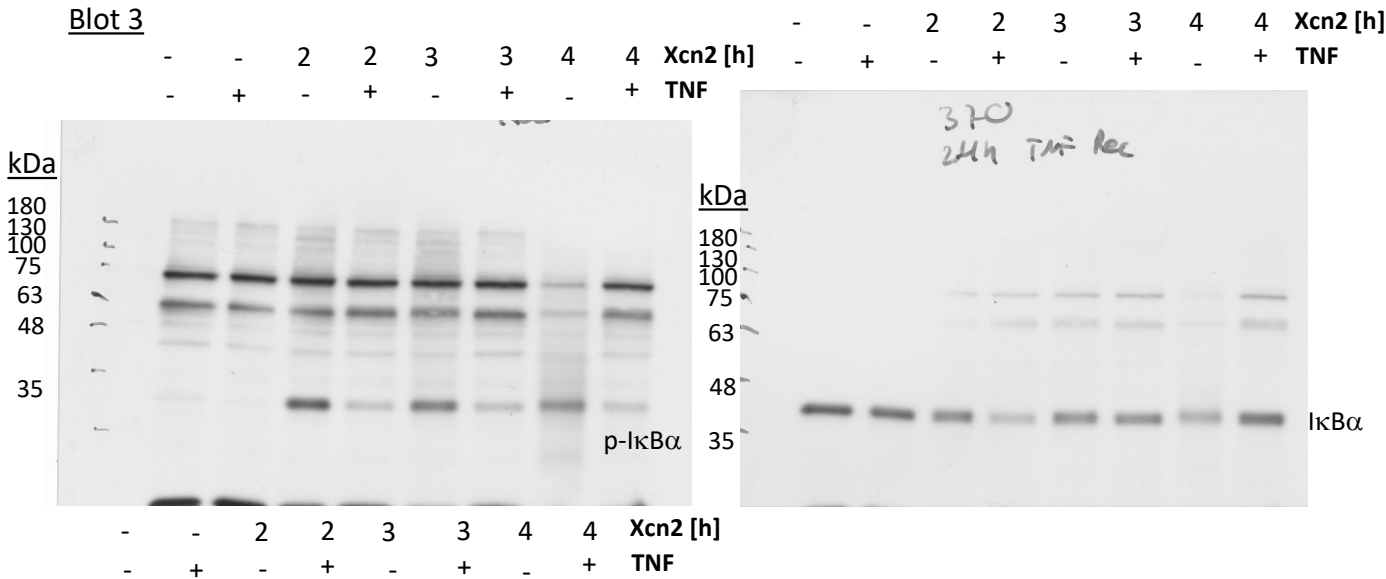


Blot 2

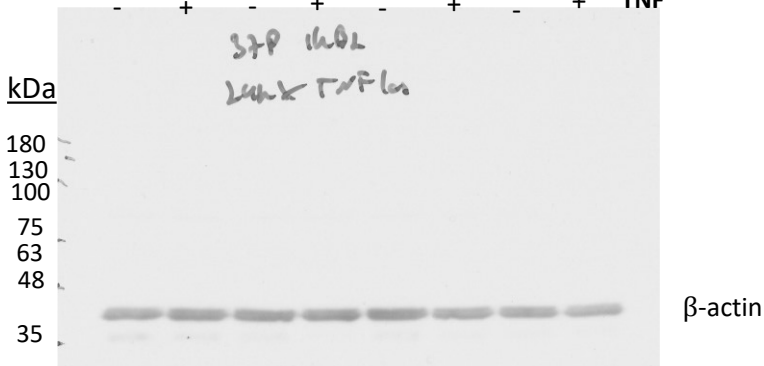
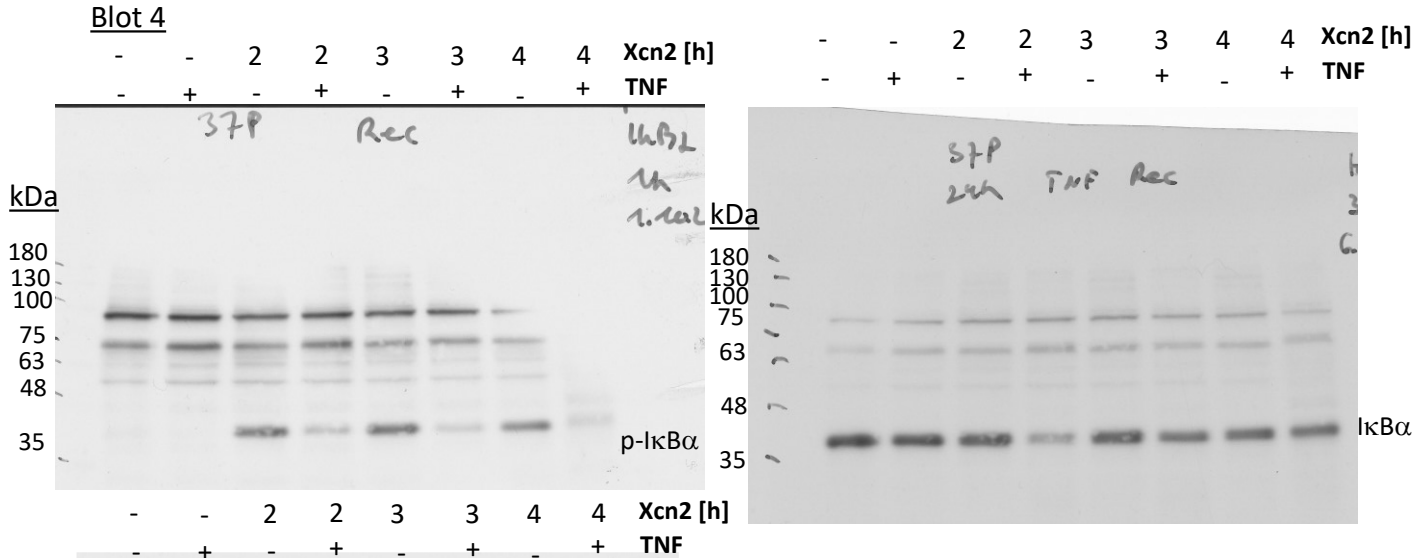


Supplement 5C p-IκBα (24 h, TNF)

Blot 3



Blot 4

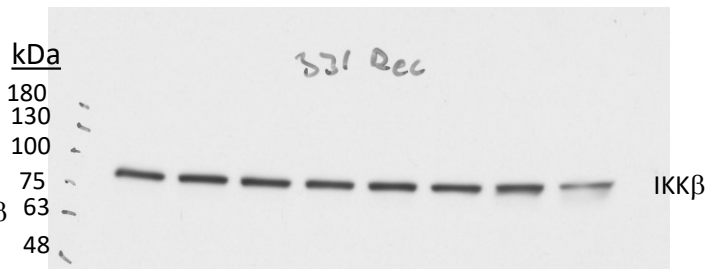


Supplement 5D

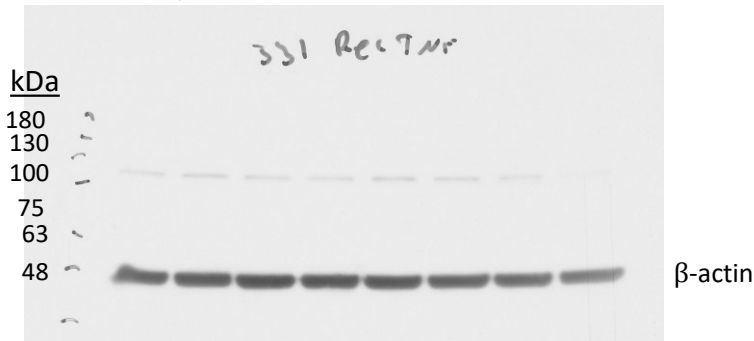
p-IKK α/β (24 h, TNF)

Blot 1

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

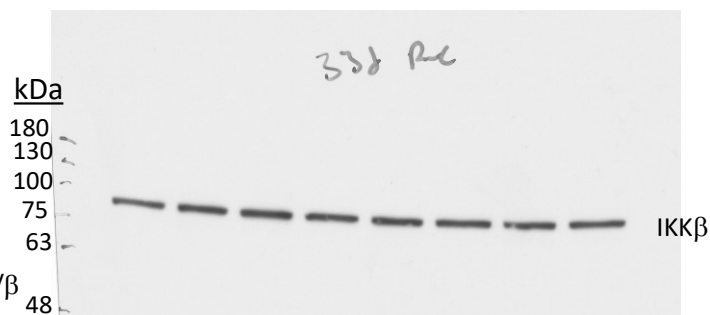
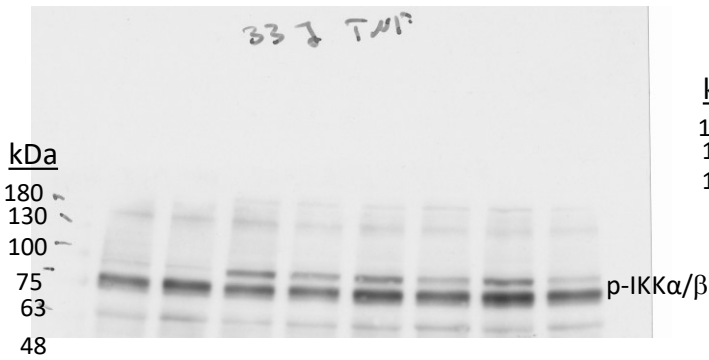


-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	TNF

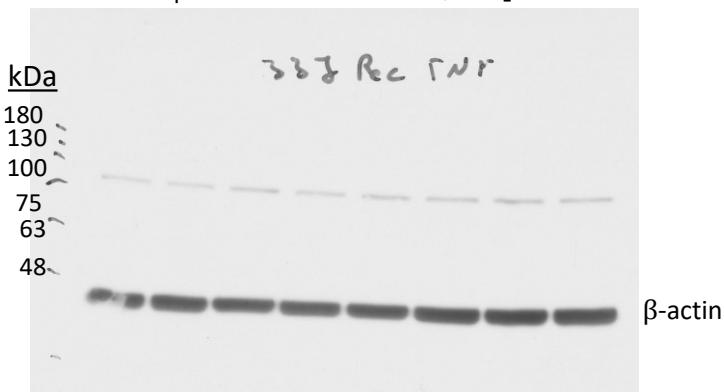


Blot 2

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



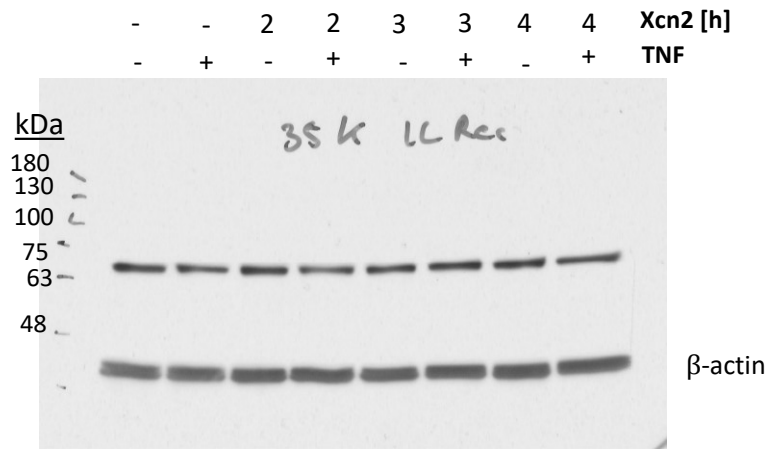
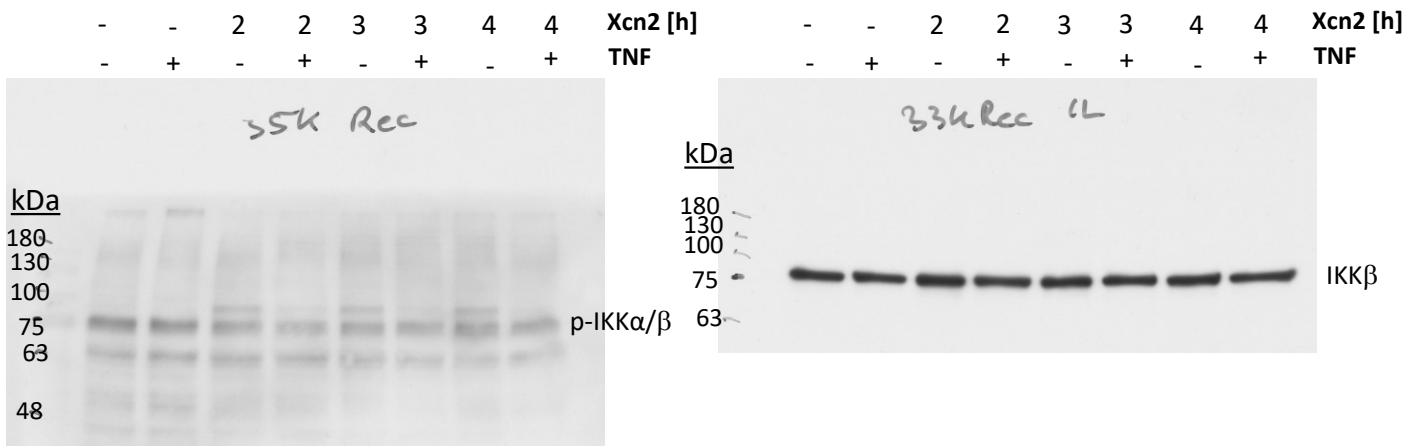
-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	TNF



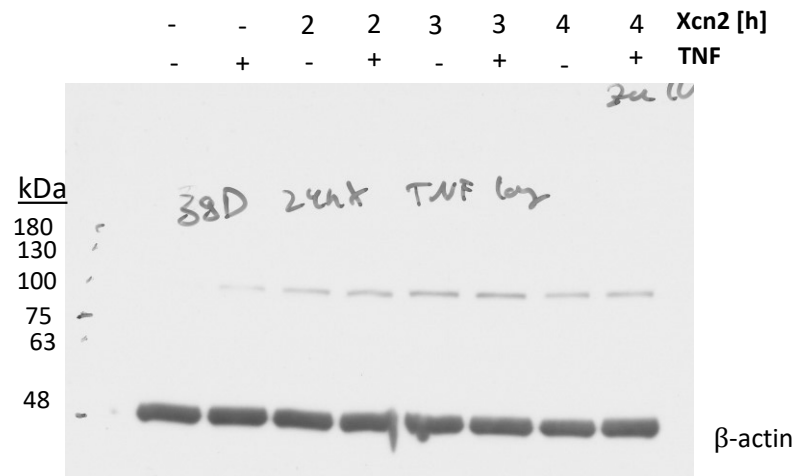
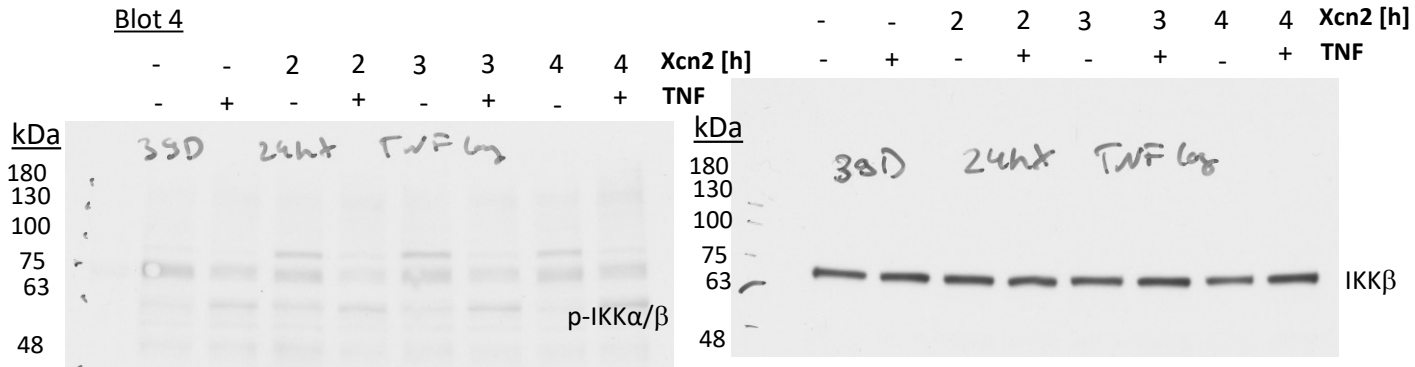
Supplement 5D

p-IKK α/β (24 h, TNF)

Blot 3

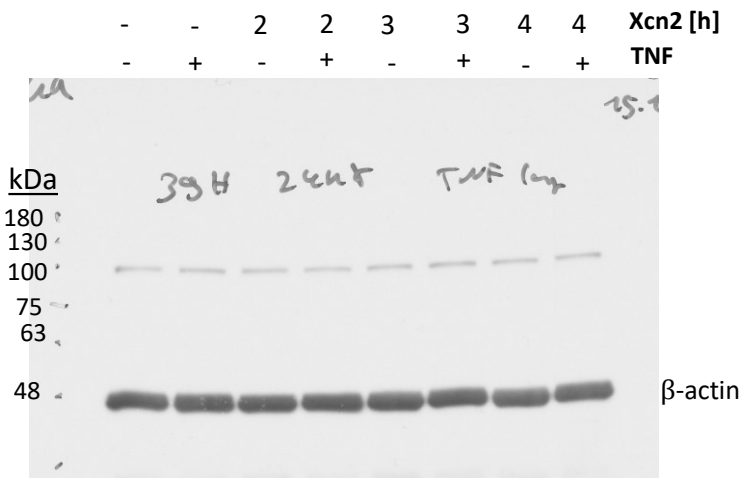
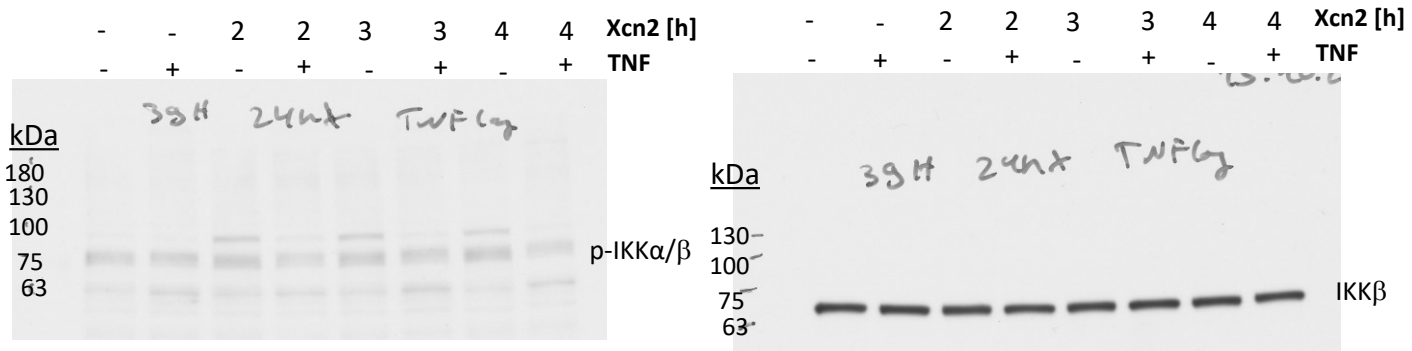


Blot 4



Supplement 5D p-IKK α/β (24 h, TNF)

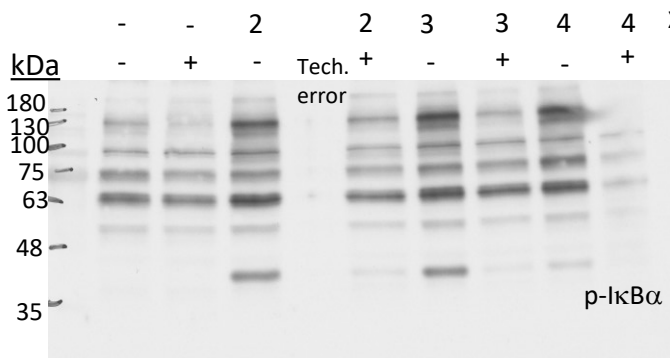
Blot 5



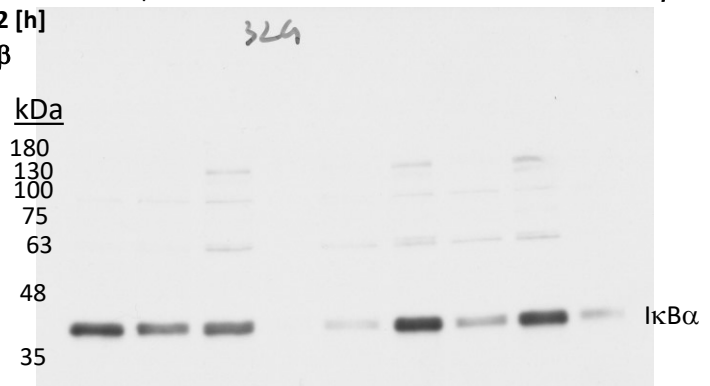
Supplement 5E

p-IκBα (24 h, IL1β)

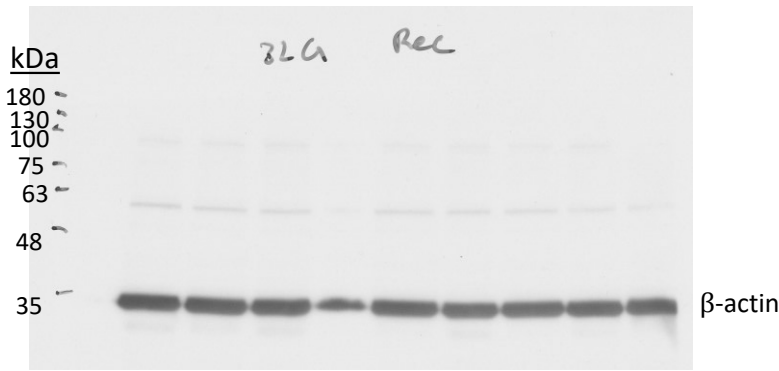
Blot 1



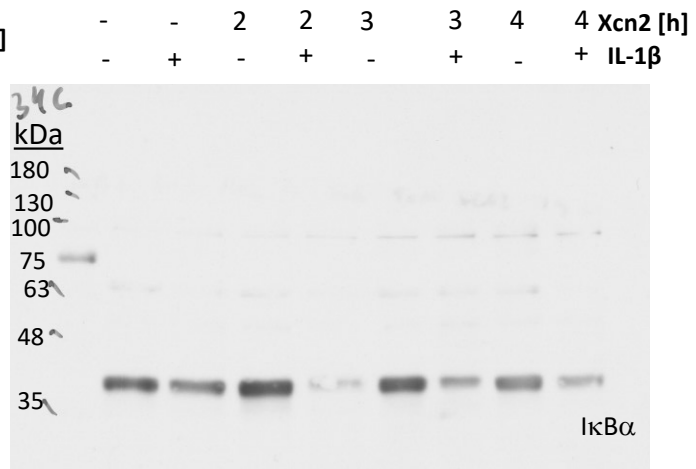
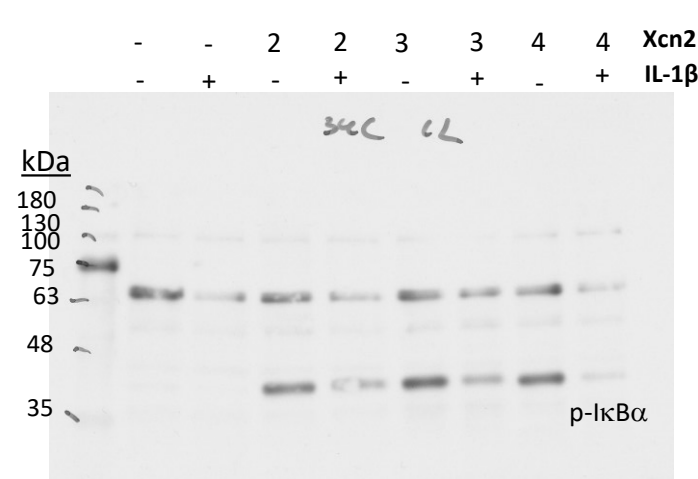
-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	IL-1β



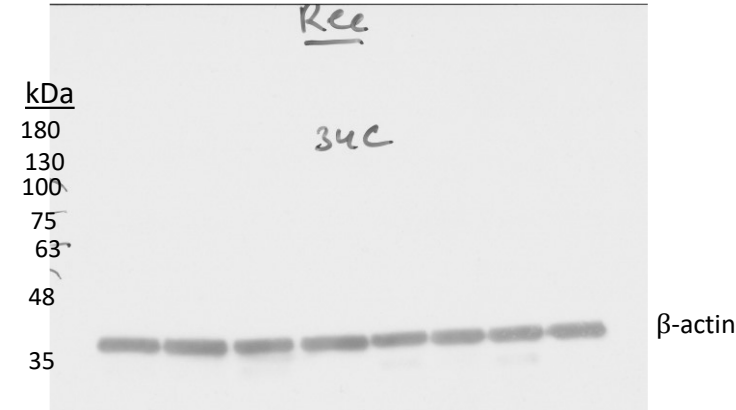
-	-	2	2		3	3		4	4	Xcn2 [h]
-	+	-	Tech. +	-	+	-	+	-	+	



Blot 2



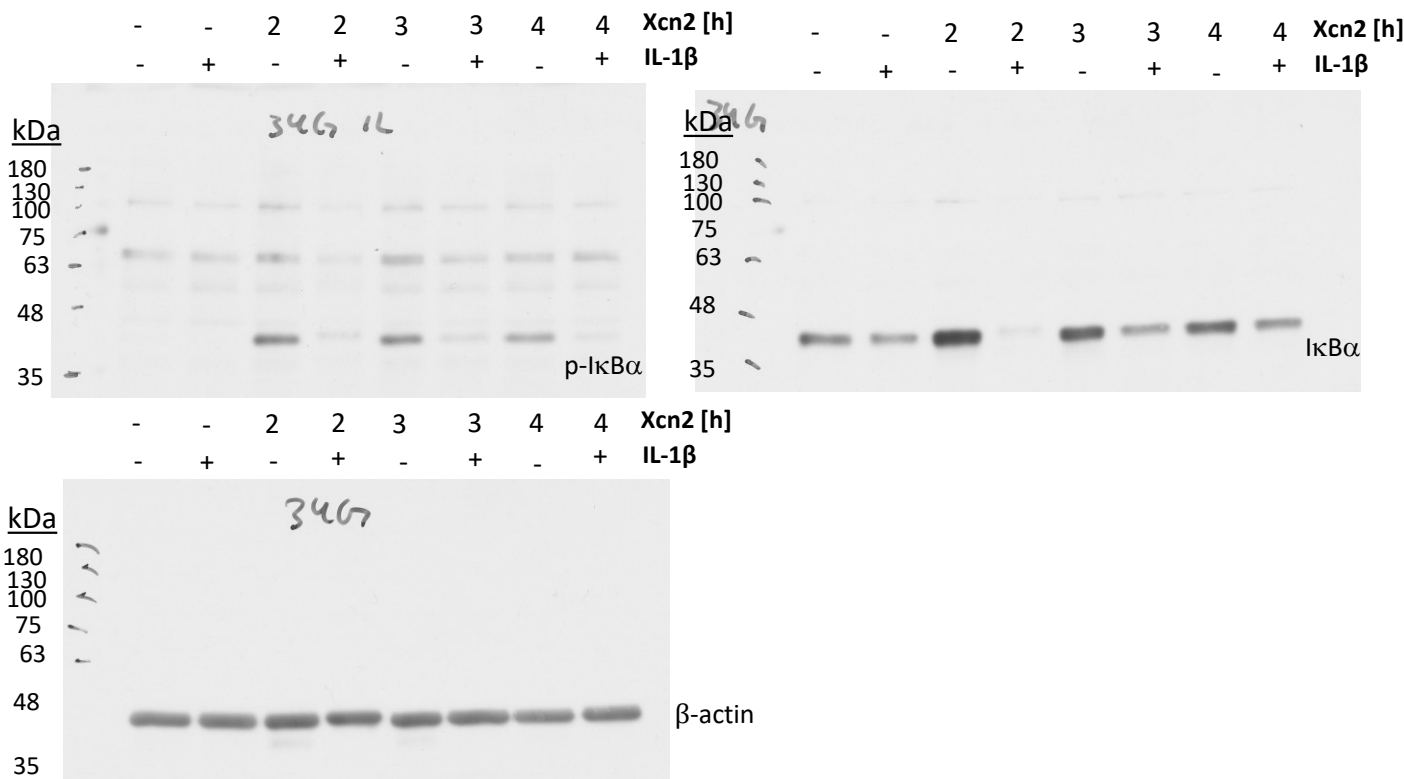
-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	IL-1β



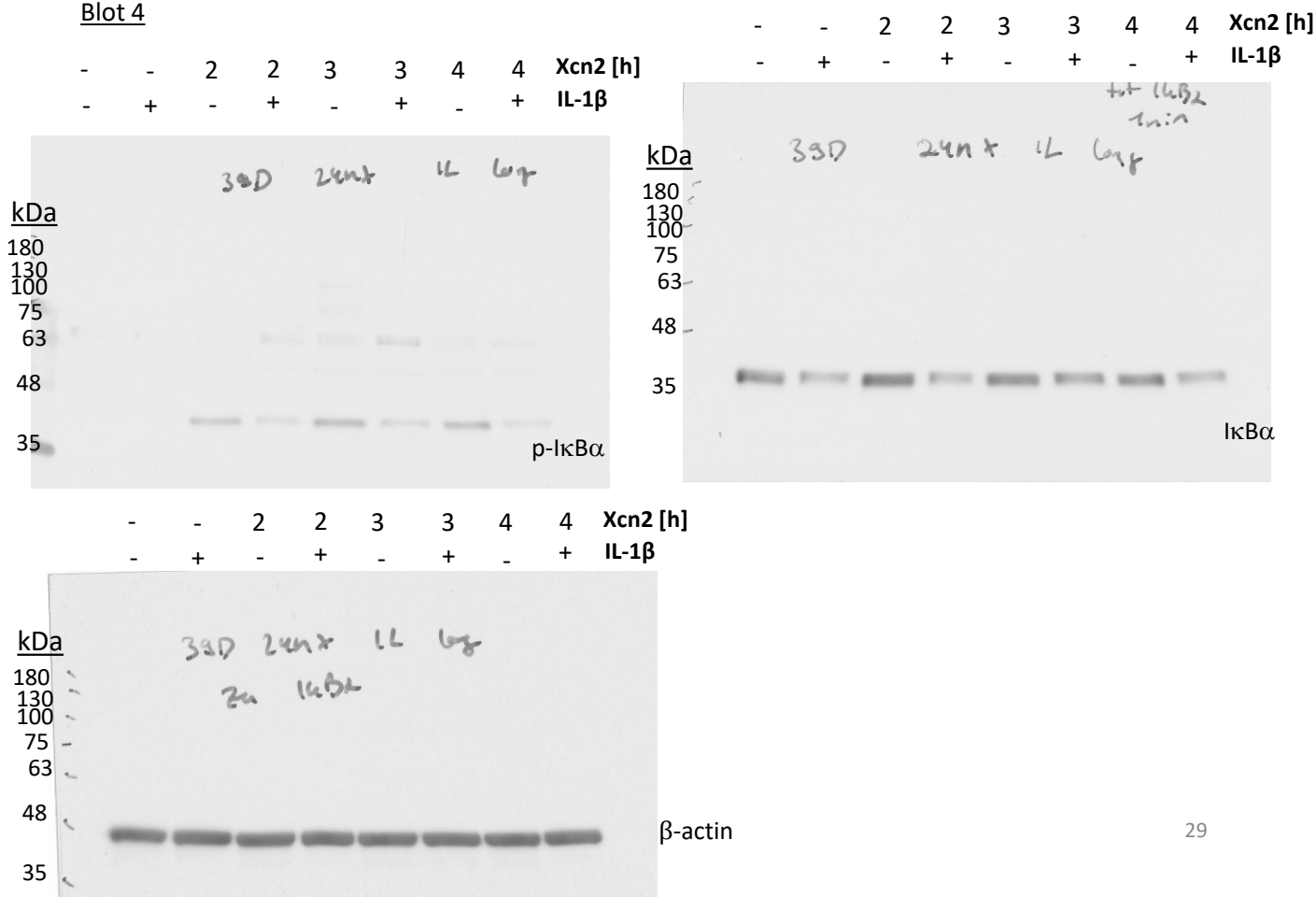
Supplement 5E

p-IκBα (24 h, IL-1β)

Blot 3

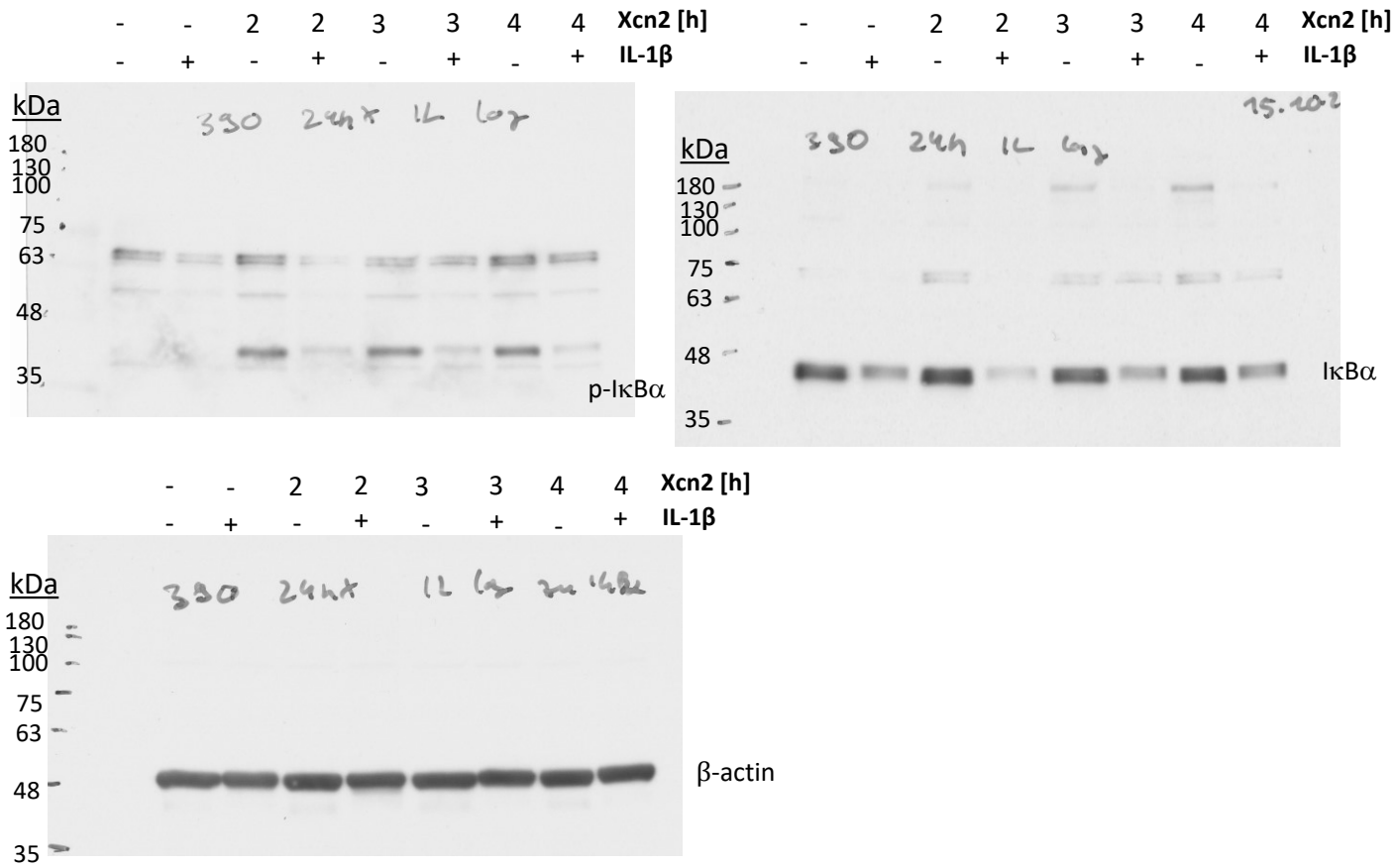


Blot 4



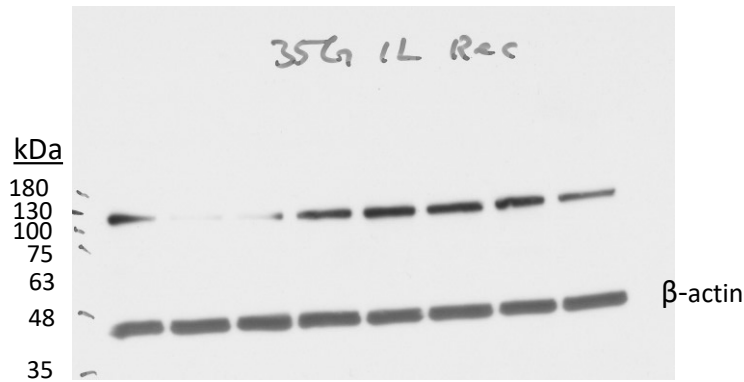
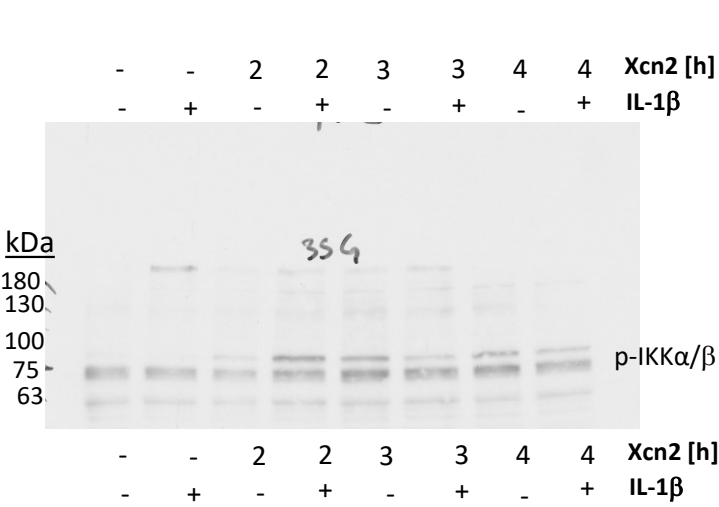
Supplement 5E $p\text{-I}\kappa\text{B}\alpha$ (24 h, IL1 β)

Blot 5

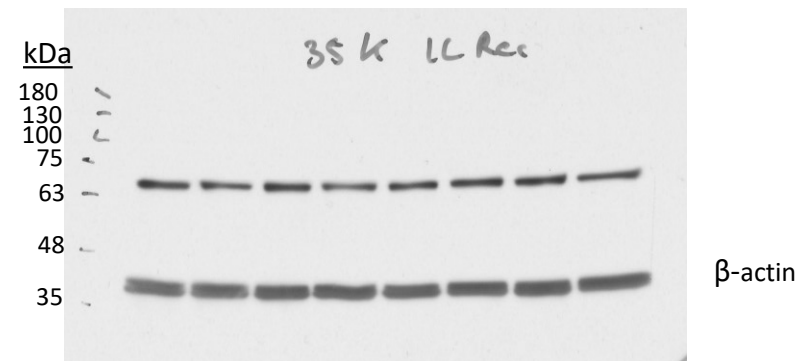
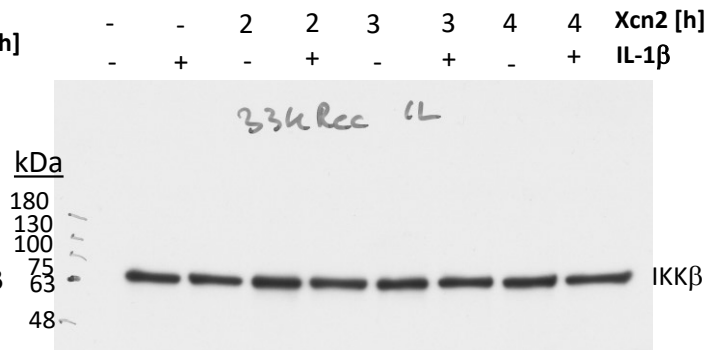
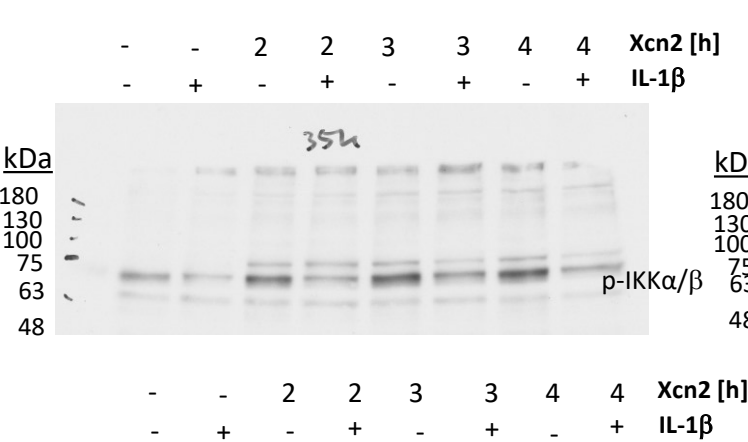


Supplement 5F $\text{p-IKK } \alpha/\beta$ (24 h, IL1 β)

Blot 1



Blot 2

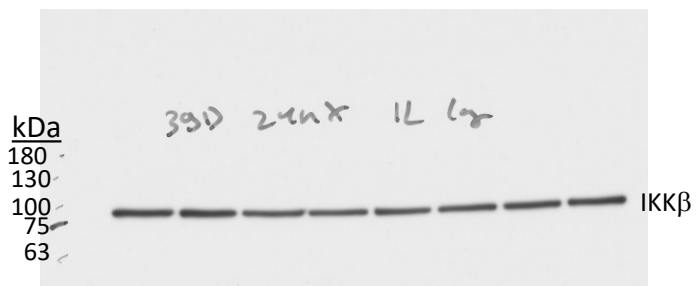
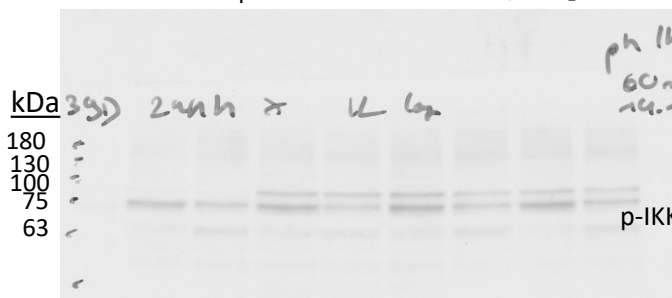


Supplement 5F

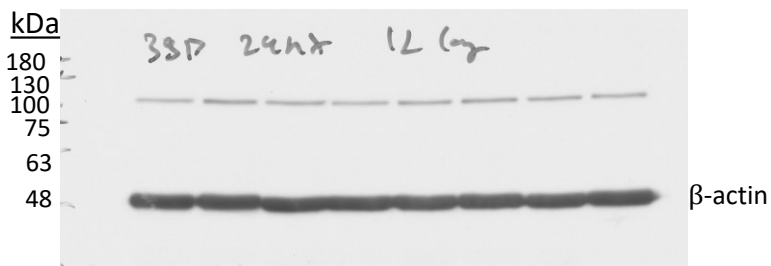
p-IKK α/β (24 h, IL1 β)- part2

Blot 3

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



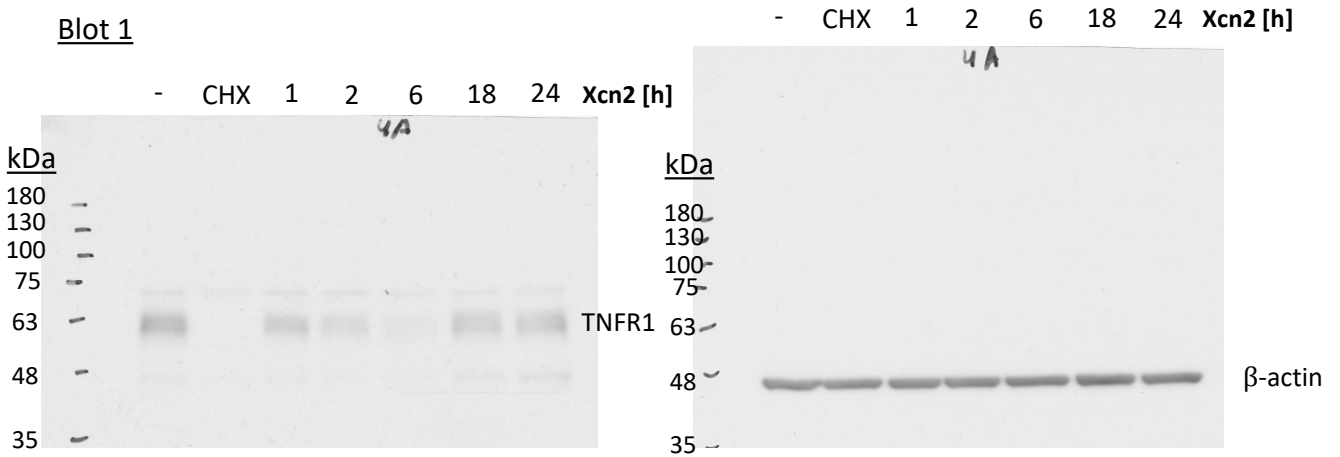
-	-	2	2	3	3	4	4	Xcn2 [h]
-	+	-	+	-	+	-	+	IL-1 β



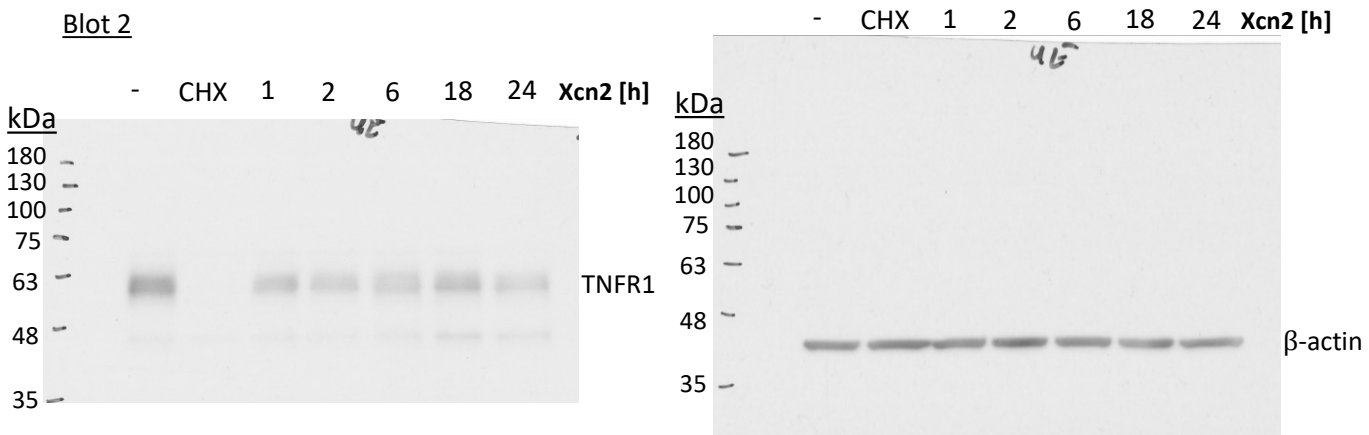
Supplement 8A

TNFR1 time series 1000 nM Xcn2

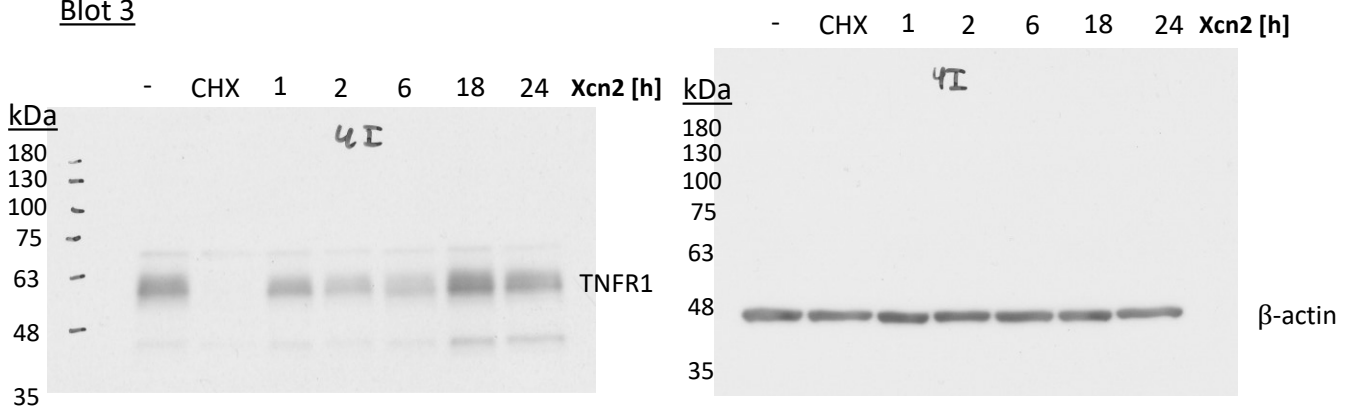
Blot 1



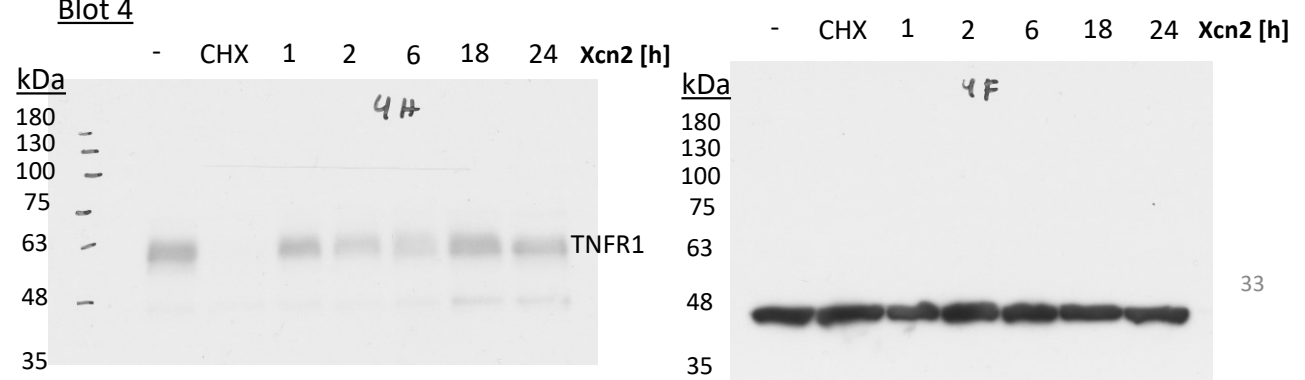
Blot 2



Blot 3



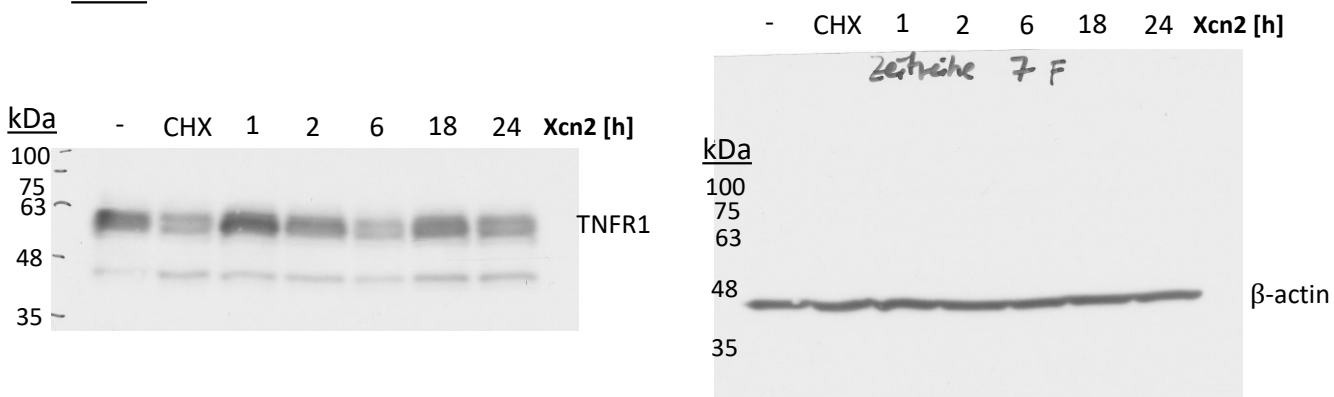
Blot 4



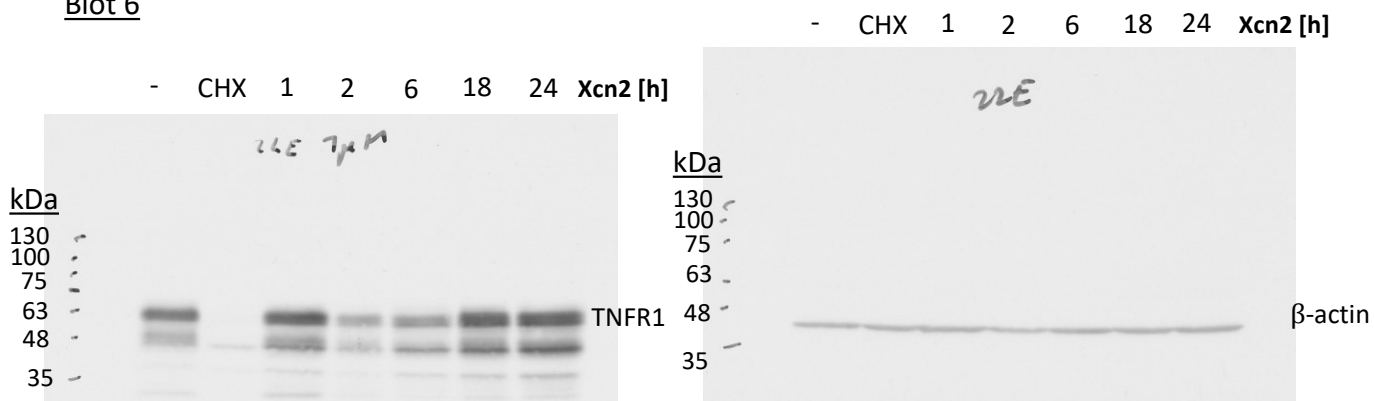
Supplement 8A

TNFR1 time series 1000 nM Xcn2

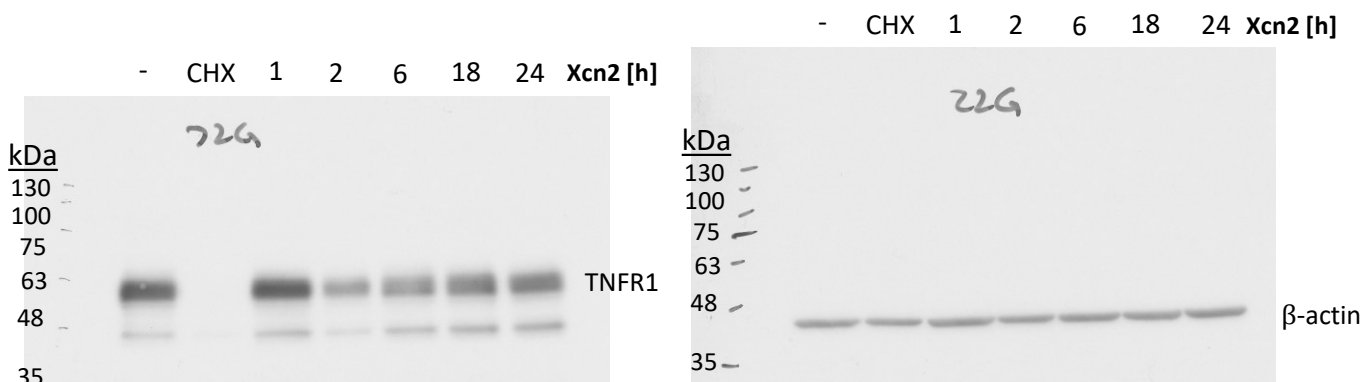
Blot 5



Blot 6



Blot 7



Supplement 8A

TNFR1 time series 1000 nM Xcn2 part 3

Blot 8

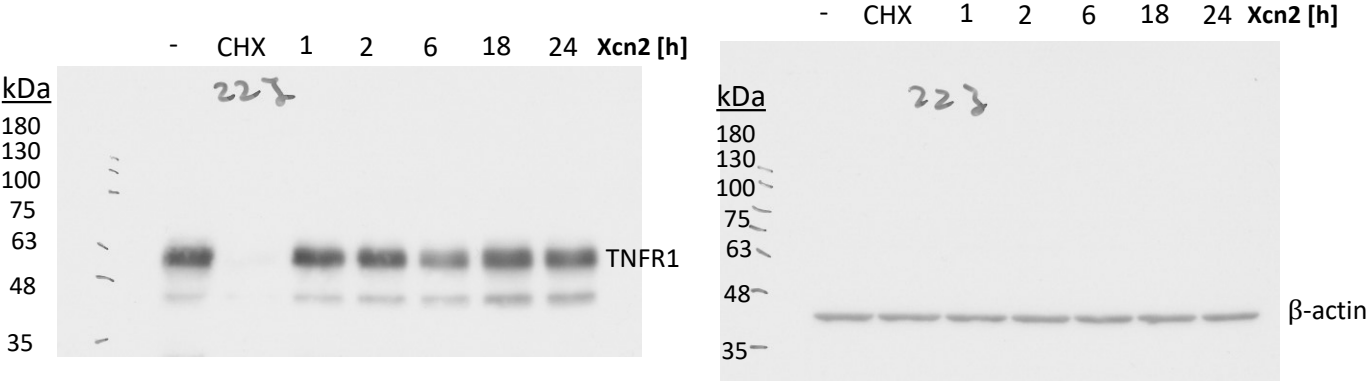
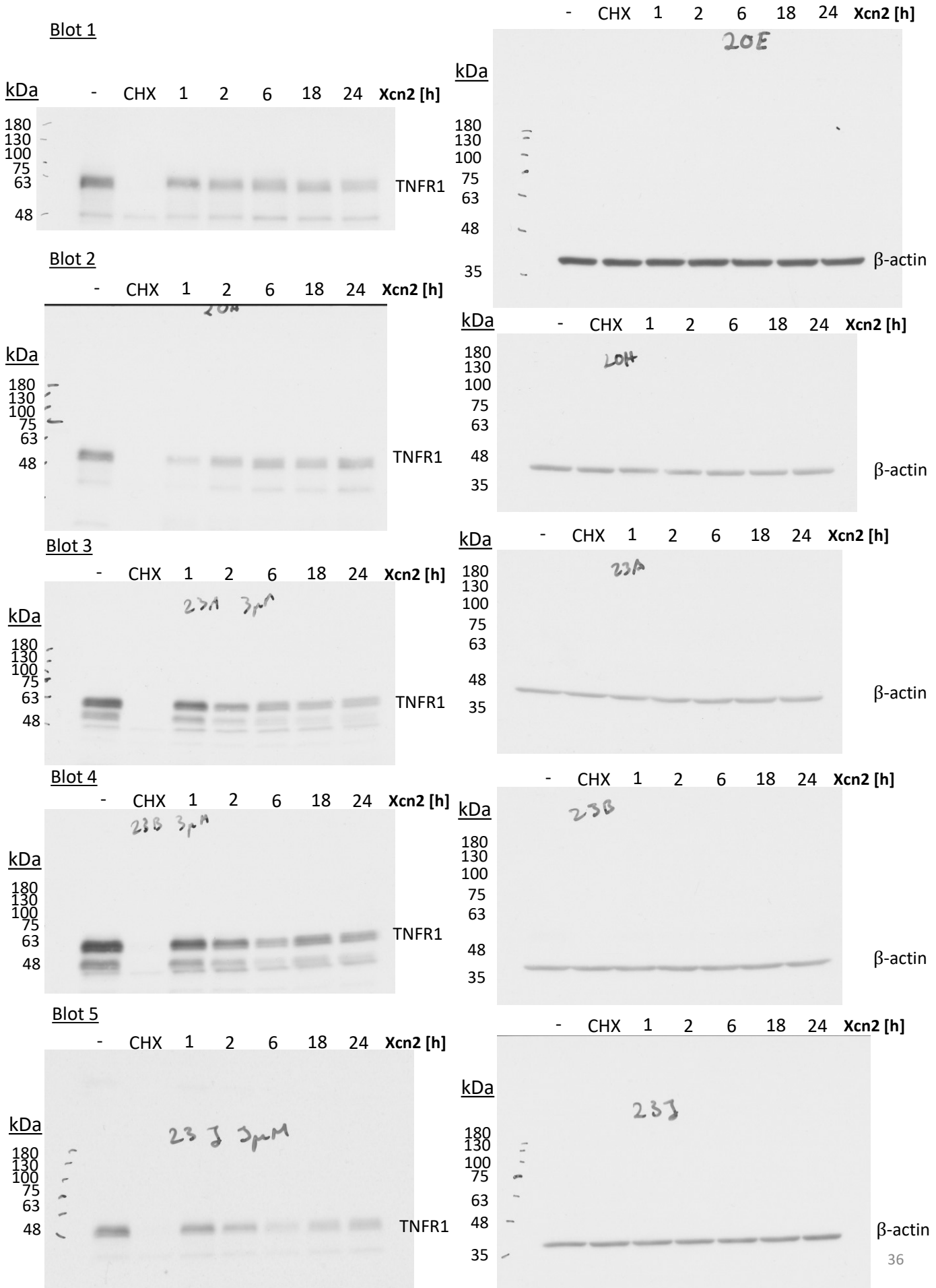


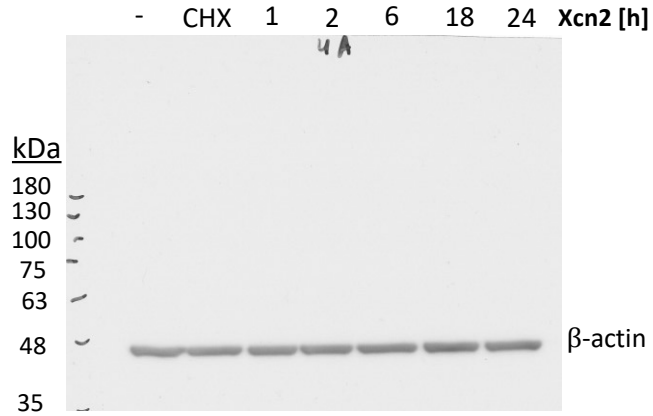
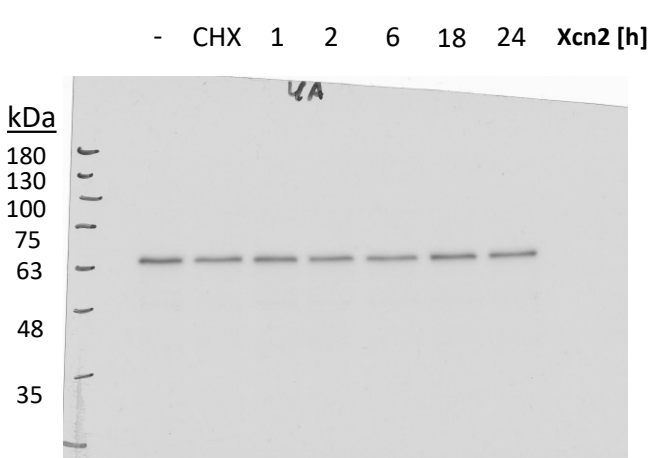
Figure S8B TNFR1 time series 3000 nM Xcn2



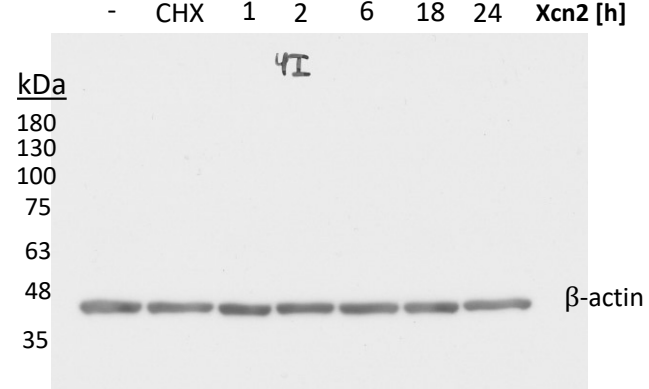
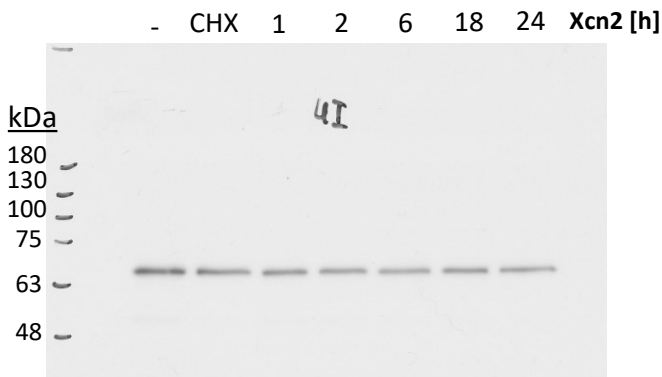
Supplement 8D

IL1R1 time series 1000 nM Xcn2

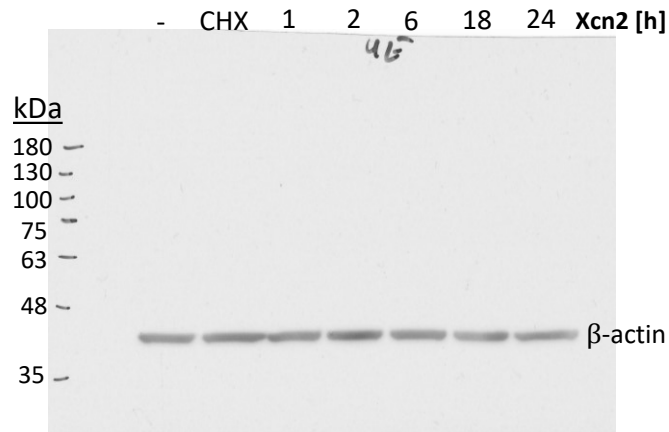
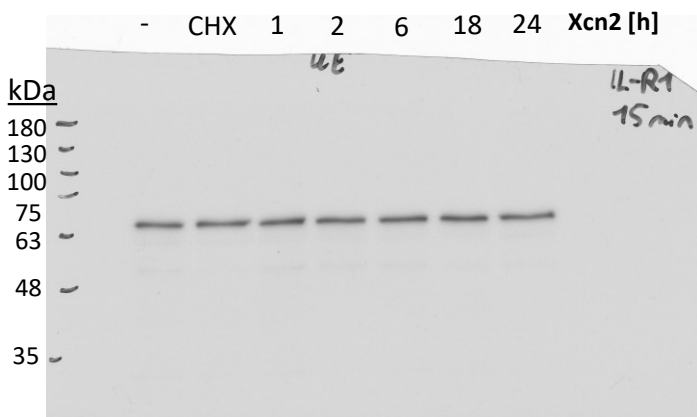
Blot 1



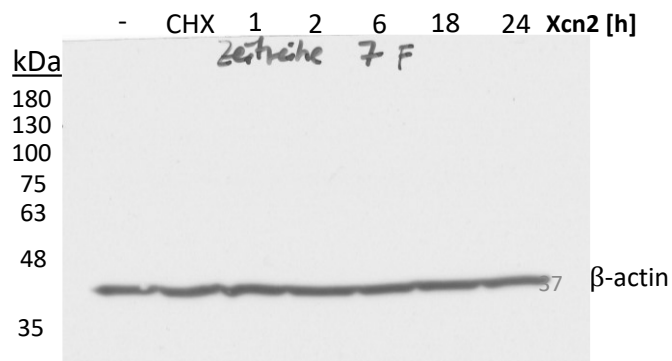
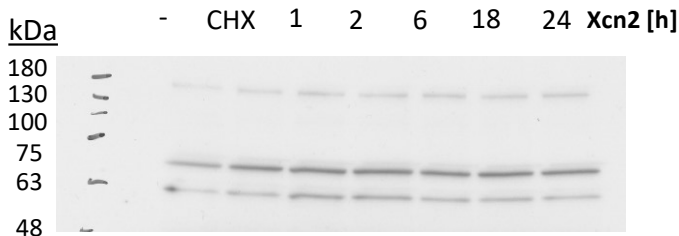
Blot 2



Blot 3

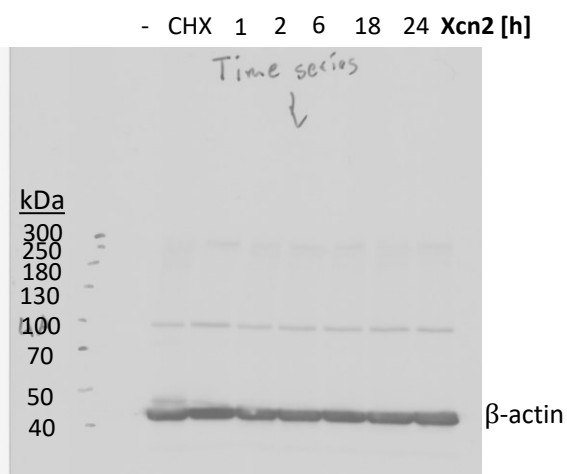
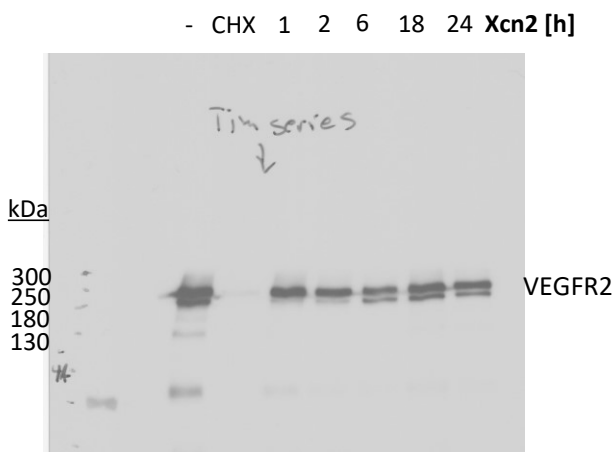


Blot 4

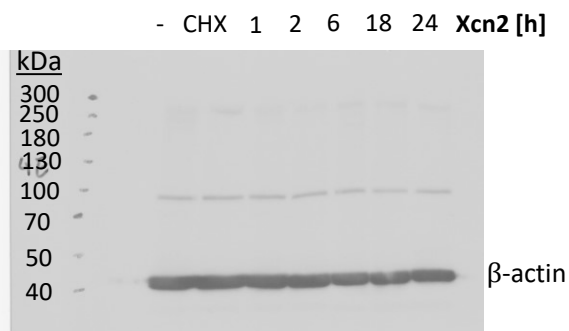
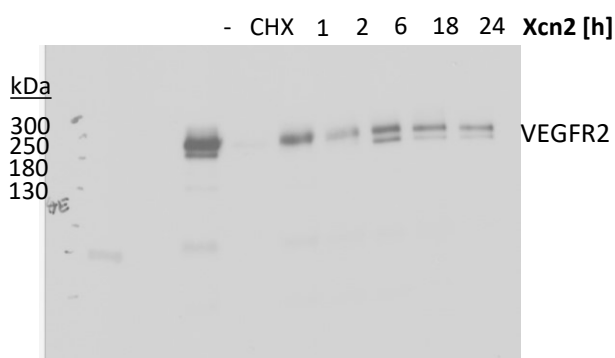


Supplement 9A VEGFR2 levels (Time Series, Xcn2 1000 nM)

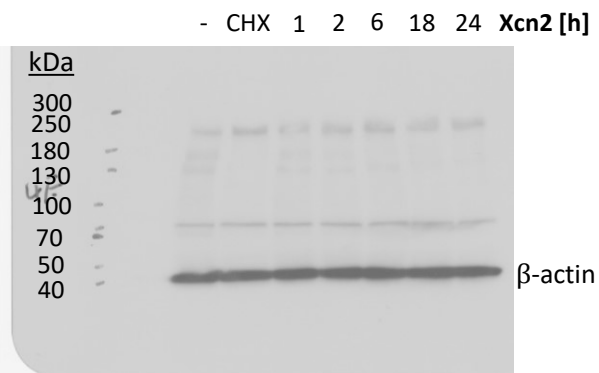
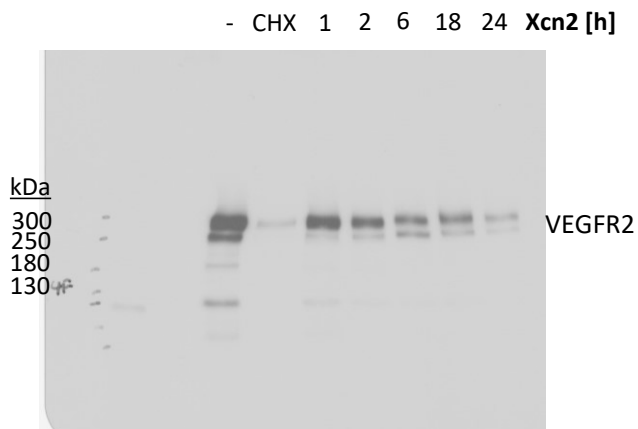
Blot 1



Blot 2

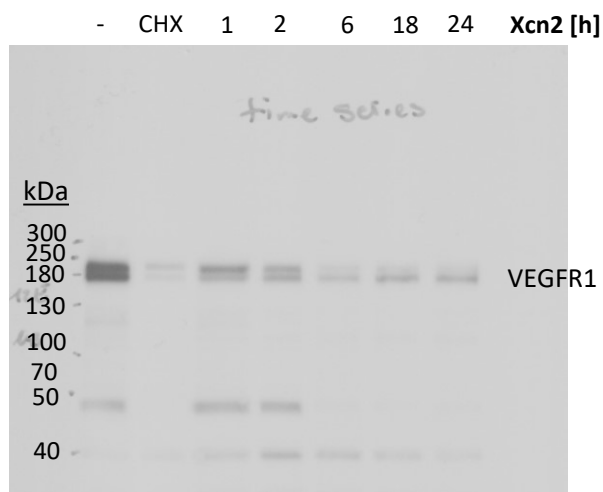


Blot 3

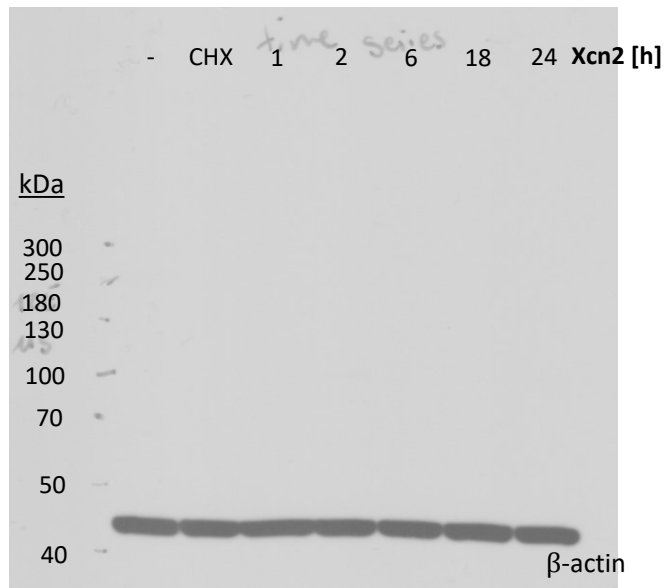


Supplement 9B VEGFR1 levels (Time Series, Xcn2 1000 nM)

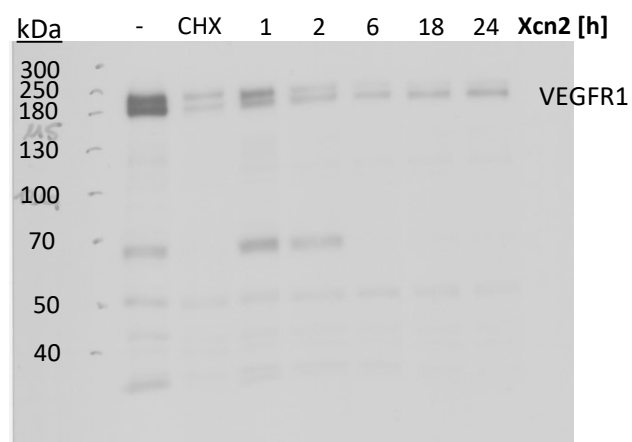
Blot 1



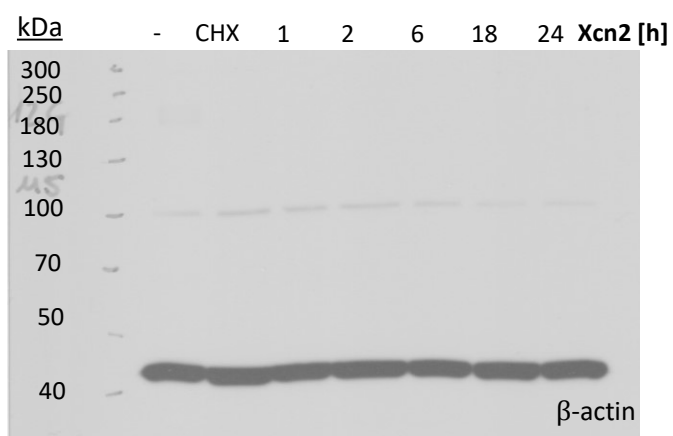
Blot 1



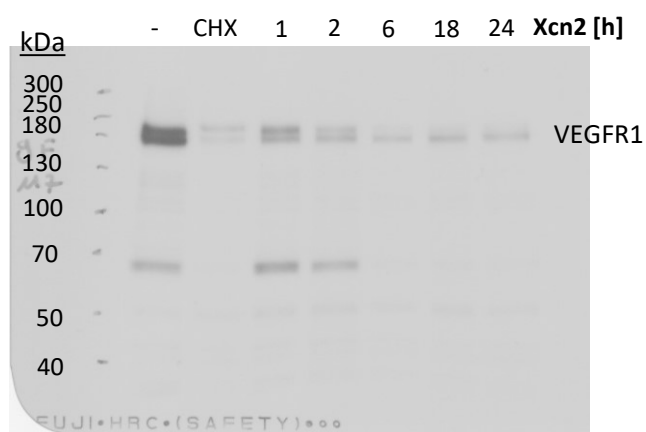
Blot 2



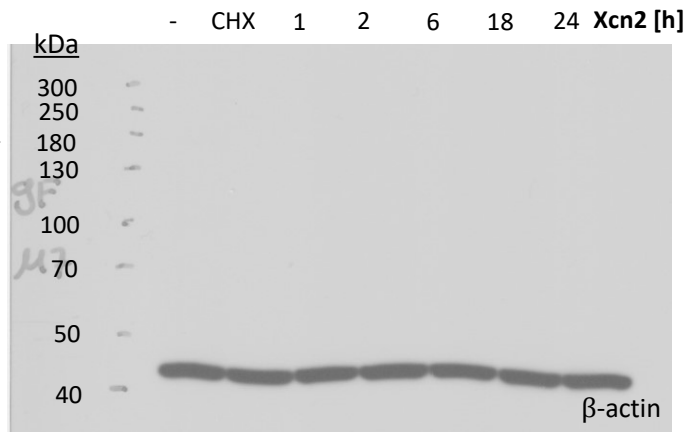
Blot 2



Blot 3

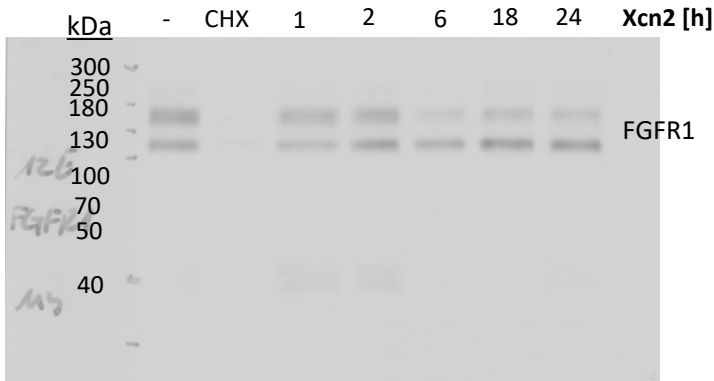


Blot 3

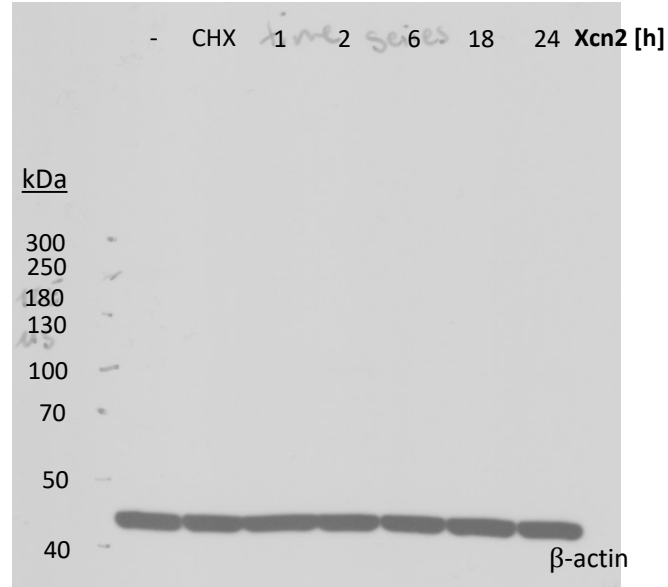


Supplement 9C FGFR1 levels (Time Series, Xcn2 1000 nM)

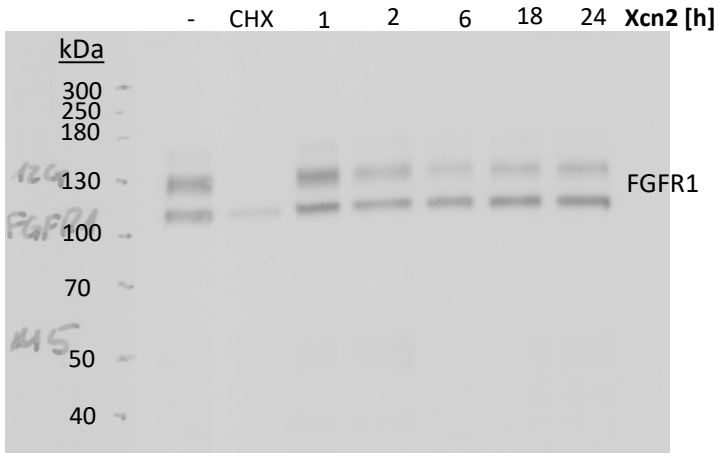
Blot 1



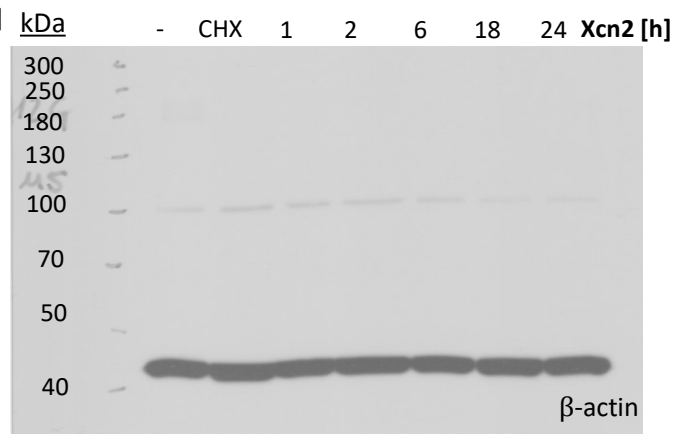
Blot 1



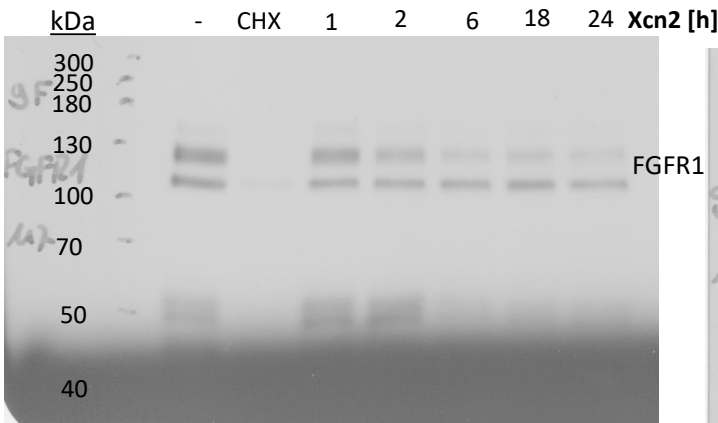
Blot 2



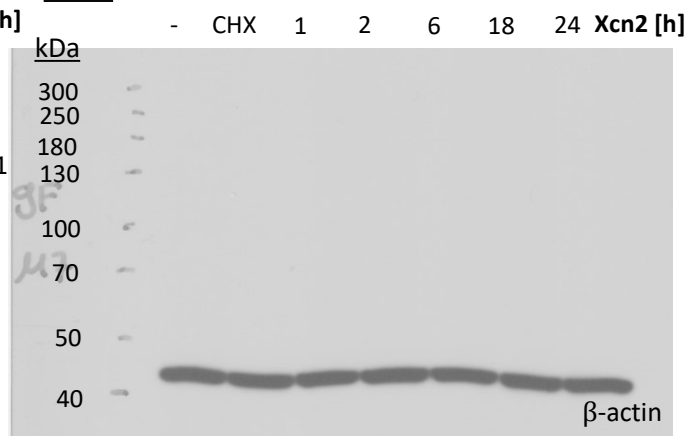
Blot 2



Blot 3

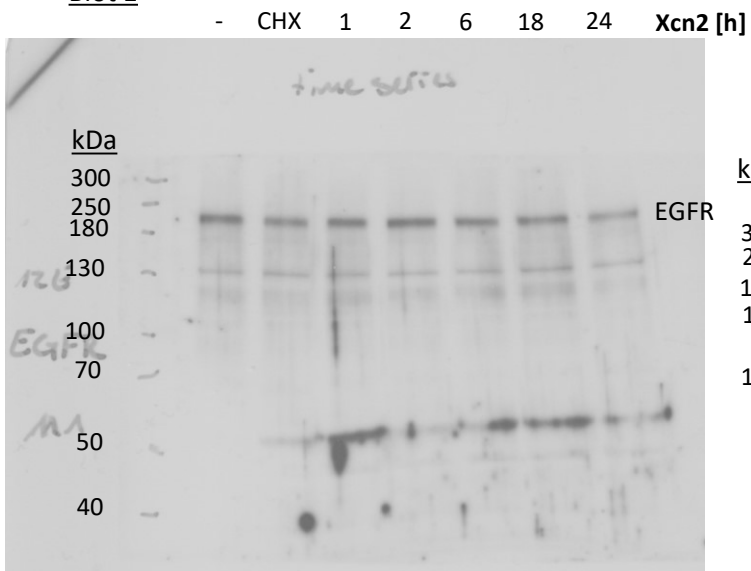


Blot 3

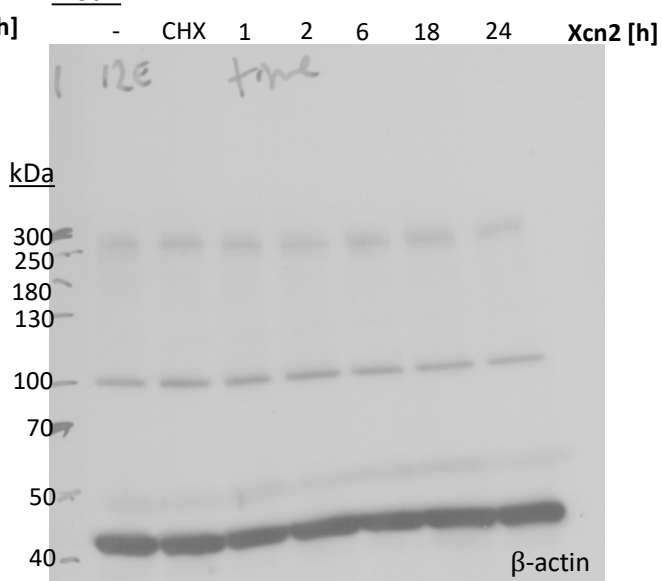


Supplement 9D EGFR levels (Time Series, Xcn2 1000 nM)

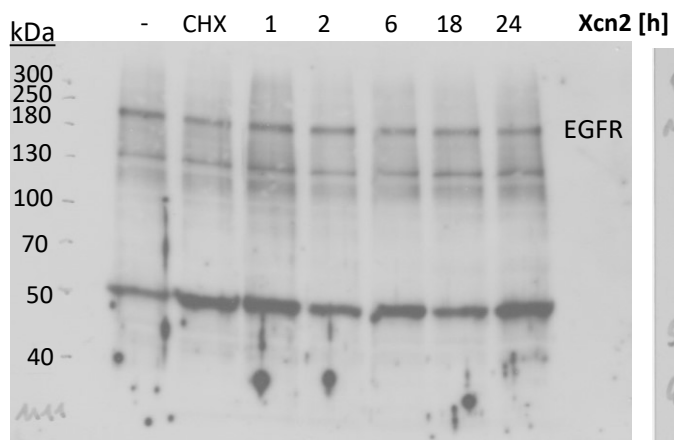
Blot 1



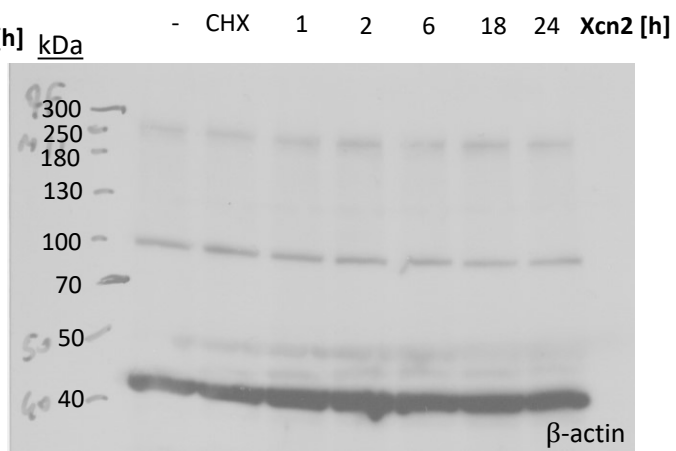
Blot 1



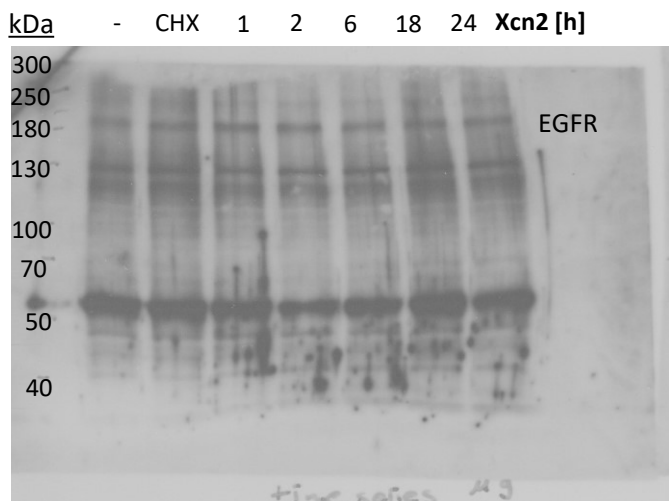
Blot 2



Blot 2



Blot 3



Blot 3

