

ARG30205 NFkB Activation Antibody Panel

Package: 1 kit
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG51780	anti-IKK beta phospho (Tyr199) antibody	Rabbit pAb	Hu, Ms, Rat	ICC/IF	50 µl
ARG51850	anti-p38 MAPK phospho (Thr180 / Tyr182) antibody	Rabbit pAb	Hu, Ms, Rat	WB	50 µl
ARG51807	anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223)) antibody	Rabbit pAb	Hu, Ms, Rat	ICC/IF, WB	50 µl
ARG51651	anti-IkB alpha phospho (Ser32 / Ser36) antibody	Rabbit pAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB	50 µl
ARG65351	Goat anti-Rabbit IgG antibody (HRP)	Goat pAb	Rb	ELISA, IHC-P, WB	50 µl

Summary

Product Description	<p>Rel or NF-kappaB (NF-kB) proteins comprise a family of structurally-related eukaryotic transcription factors that are involved in the control of a large number of normal cellular and organismal processes, such as immune and inflammatory responses, developmental processes, cellular growth, and apoptosis. Up-regulation of phospho-IKK, phospho-p38, phospho-JNK down-regulation of IkB alpha is often associated with the activation of NF-kB downstream signaling pathway.</p> <p>Hayden and Ghosh. (2012) Genes and Dev 26: 203-234 Baeuerle and Henkel. (1994) Ann Rev Immunol 12: 141-179</p> <p>Related news: Treatment of Obesity with Celastrol Tumor microenvironments are shown to affect progression of several cancer subtypes Immune signaling protein TLR4 has opposing roles in breast cancer development</p>
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Target Name	NFkB Activation
Alternate Names	NFkB Activation antibody; IkB alpha phospho (Ser32 / Ser36) antibody; IKK beta phospho (Tyr199) antibody; SAPK / JNK phospho (Thr183 (221) + Tyr185 (223)) antibody; p38 MAPK phospho (Thr180 / Tyr182) antibody; IkB alpha antibody (N-term)

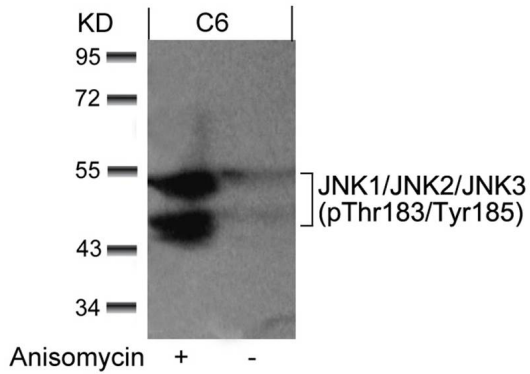
Properties

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

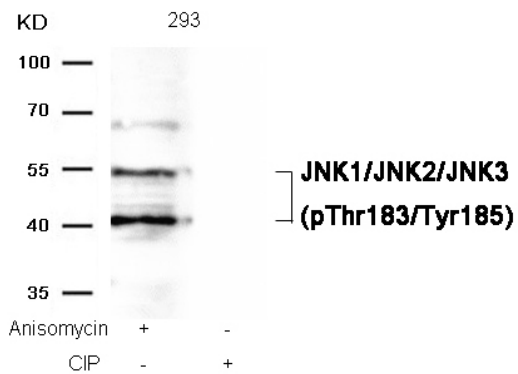
Gene Full Name	Antibody Panel for NFkB Activation
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Gene Regulation antibody; Immune System antibody; Signaling Transduction antibody

Images



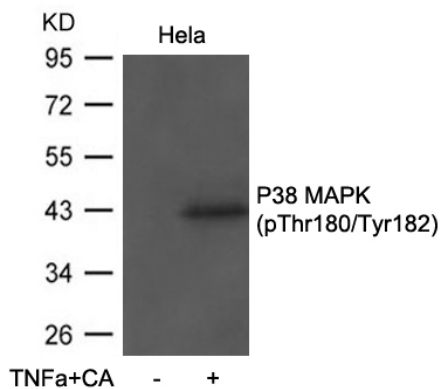
ARG51807 anti-JNK1/JNK2/JNK3 phospho (Thr183/Tyr185) antibody WB image

Western Blot: extracts from C6 cells untreated or treated with anisomycin stained with anti-JNK1/JNK2/JNK3 (phospho Thr183/Tyr185) antibody ARG51807.



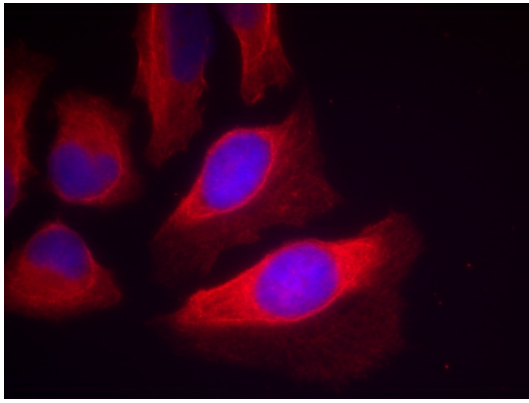
ARG51807 anti-JNK1/JNK2/JNK3 phospho (Thr183/Tyr185) antibody WB image

Western Blot: extracts from 293 cells, treated with Anisomycin or calf intestinal phosphatase (CIP), stained with anti-JNK1/JNK2/JNK3 (phospho Thr183/Tyr185) antibody ARG51807.



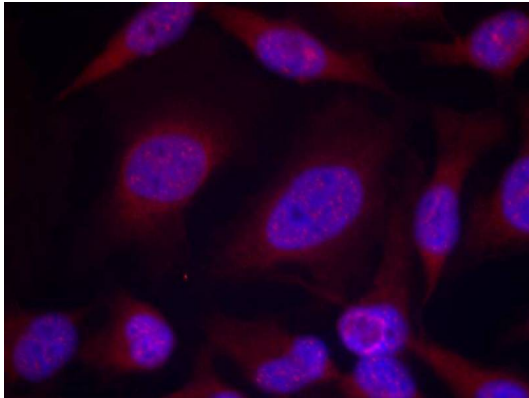
ARG51850 anti-P38 MAPK phospho (Thr180/Tyr182) antibody WB image

Western Blot: extracts from HeLa cells untreated or treated with TNF α +CA stained with anti-P38 MAPK (phospho Thr180/Tyr182) antibody ARG51850.



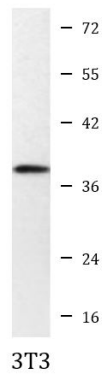
ARG51780 anti-IKK beta phospho (Tyr199) antibody ICC/IF image

Immunofluorescence: methanol-fixed HeLa cells stained with anti-IKK beta (phospho Tyr199) antibody ARG51780, Red).



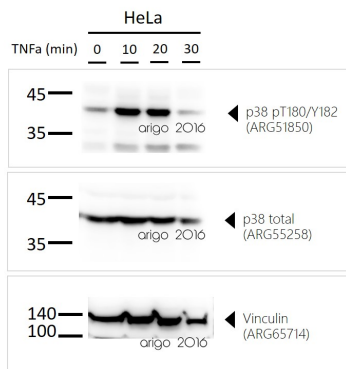
ARG51807 anti-JNK1/JNK2/JNK3 phospho (Thr183/Tyr185) antibody ICC/IF image

Immunofluorescence: methanol-fixed HeLa cells stained with anti-JNK1/JNK2/JNK3 (phospho Thr183/Tyr185) antibody ARG51807.



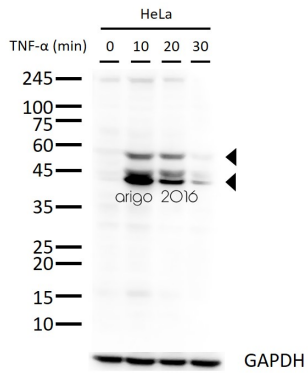
ARG54059 anti-IkB alpha antibody (N-term) WB image

Western blot: 3T3 cell lysate stained with ARG54059 anti-IkB alpha antibody (N-term) at 1:500 dilution.



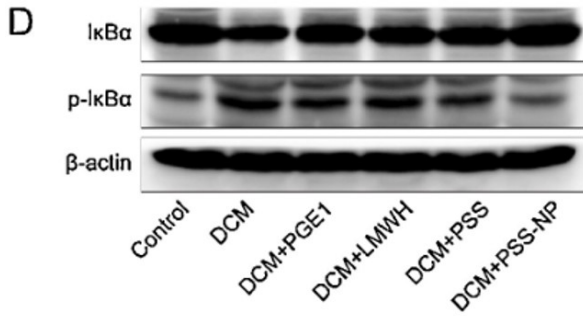
ARG51850 anti-p38 MAPK phospho (Thr180 / Tyr182) antibody WB image

Western blot: 30 µg of HeLa treated with TNFα at 0, 10, 20, and 30 min. The blots stained with [ARG51850](#) anti-p38 MAPK phospho (Thr180 / Tyr182) antibody, [ARG55258](#) anti-p38 MAPK antibody, and [ARG65714](#) anti-Vinculin antibody.



ARG51807 anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223)) antibody WB image

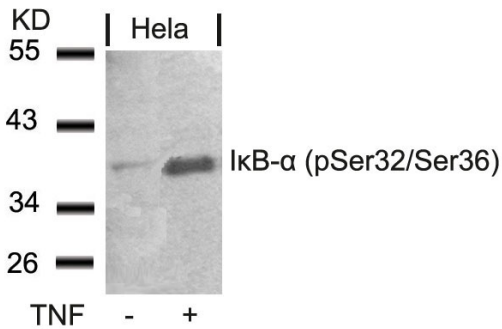
Western blot: 30 µg of HeLa cells untreated or treated with TNF-alpha at 10, 20, or 30 min. The blots were stained with ARG51807 anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223)) antibody at 1:500 dilution.



ARG51651 anti-IκB alpha phospho (Ser32 / Ser36) antibody WB image

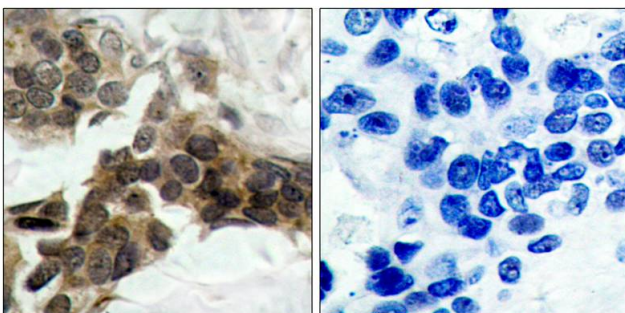
Western blot: Rat cardiac stained with ARG51651 anti-IκB alpha phospho (Ser32 / Ser36) antibody at dilution.

From Yongjun Mao et al. Biomed Pharmacother. (2020), [doi: 10.1016/j.biopha.2019.109280](https://doi.org/10.1016/j.biopha.2019.109280), Fig. 6D.



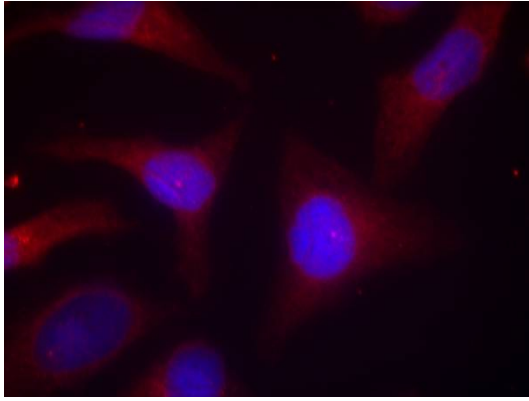
ARG51651 anti-IκB alpha phospho (Ser32 / Ser36) antibody WB image

Western blot: Extracts from HeLa cells untreated or treated with TNF stained with ARG51651 anti-IκB alpha phospho (Ser32 / Ser36) antibody.



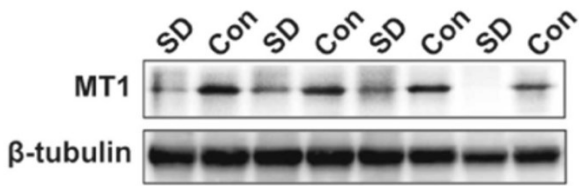
ARG51651 anti-IκB alpha phospho (Ser32 / Ser36) antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human breast carcinoma tissue stained with ARG51651 anti-IκB alpha phospho (Ser32 / Ser36) antibody (left) or the same antibody preincubated with blocking peptide (right).



ARG51651 anti-IKB alpha phospho (Ser32 / Ser36) antibody ICC/IF image

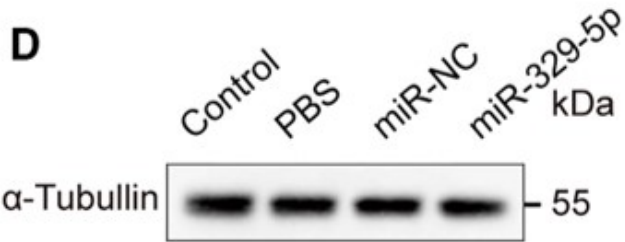
Immunofluorescence: methanol-fixed HeLa cells stained with ARG51651 anti-IKB alpha phospho (Ser32 / Ser36) antibody.



ARG65351 Goat anti-Rabbit IgG antibody (HRP) WB image

Western blot: Rat placental stained with [ARG57589 anti-MTNR1A antibody](#) at 1:1000 dilution, ARG65351 Goat anti-Rabbit IgG antibody (HRP) at 1:5000 dilution.

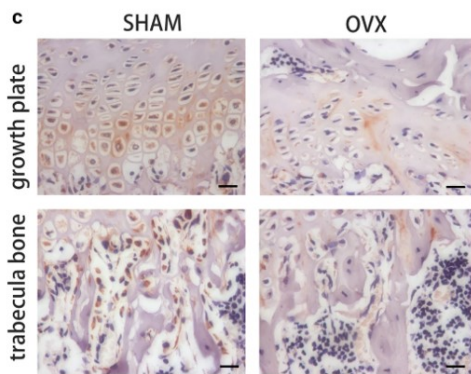
From Jinzhi Li et al. J Reprod Immunol. (2023), [doi: 10.1016/j.jri.2023.104166](#), Fig. 2.B.



ARG65351 Goat anti-Rabbit IgG antibody (HRP) WB image

Western blot: Mouse retina stained with [ARG65693 anti-alpha Tubulin antibody](#) and ARG65351 Goat anti-Rabbit IgG antibody (HRP)

From Xiaoyuan Ye et al. Mol Ther Nucleic Acids. (2024), [doi: 10.1016/j.omtn.2024.102209](#), Fig. 5.D.



ARG65351 Goat anti-Rabbit IgG antibody (HRP) IHC-P image

From Yu-Qian Song et al. J Mol Med (Berl) (2022), [doi: 10.1007/s00109-021-02165-0](#), Fig. 5.c.