

Product Datasheet

NFkB Pathway Antibody Pack

NBP3-20194

Unit Size: 9 Vials

Storage is content dependent.

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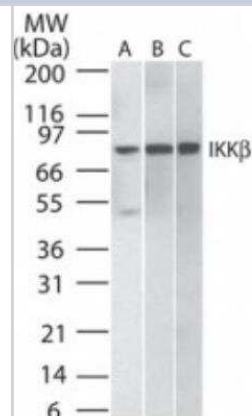
NBP3-20194**NFκB Pathway Antibody Pack**

Product Information	
Unit Size	9 Vials
Concentration	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
Storage	Storage is content dependent.
Product Description	
Description	This pack contains 1 vial each of: NB100-56704SS (0.025 mg), NB100-56509SS (0.025 mg), MAB3768-SP (0.025 mg), MAB72261-SP (0.025 mg), NB100-56507SS (0.025 mg), MAB5078-SP (0.025 mg), HAF007 (1.0 ml), HAF008 (1.0 ml) and HAF005 (1.0 ml).
Species	Human, Mouse, Rat
Reactivity Notes	Antibodies in this pack are validated for use in the following species: NB100-56704: Human, Mouse, Primate, Rat NB100-56509: Human, Mouse, Rat MAB3768: Human MAB72261: Human NB100-56507: Human, Mouse, Rat MAB5078: Human, Mouse, Rat HAF008: Rabbit HAF007: Mouse HAF005: Rat
Immunogen	See individual datasheets.
Kit Components	NB100-56704SS, NB100-56509SS, MAB3768-SP, MAB72261-SP, NB100-56507SS, MAB5078-SP, HAF008: Goat anti-Rabbit IgG Secondary Antibody [HRP], HAF007: Goat anti-Mouse IgG Secondary Antibody [HRP], HAF005: Goat anti-Rat IgG Secondary Antibody [HRP]
Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot, Simple Western, Immunohistochemistry, Immunocytochemistry/Immunofluorescence
Application Notes	Antibodies in this pack are validated for the following applications: NB100-56704: Chromatin Immunoprecipitation, Flow (Intracellular), Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Simple Western, Western Blot NB100-56509: CyTOF-ready, Flow Cytometry, Immunoblotting, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Simple Western, Western Blot MAB3768: Western Blot MAB72261: Immunocytochemistry, Simple Western, Western Blot NB100-56507: CyTOF-ready, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockout Validated, Simple Western, Western Blot MAB5078: CyTOF-ready, Immunocytochemistry, Intracellular Staining by Flow Cytometry, Knockout Validated, Western Blot HAF008: Immunohistochemistry, Western Blot HAF007: Immunohistochemistry, Western Blot HAF005: ELISA, Immunohistochemistry, Simple Western, Western Blot

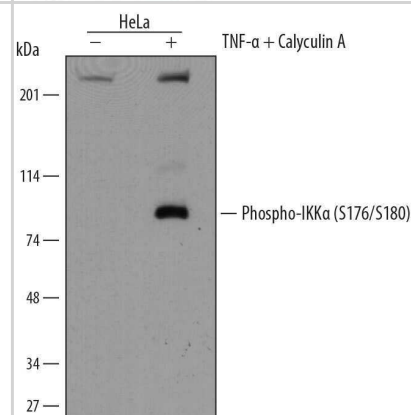


Images

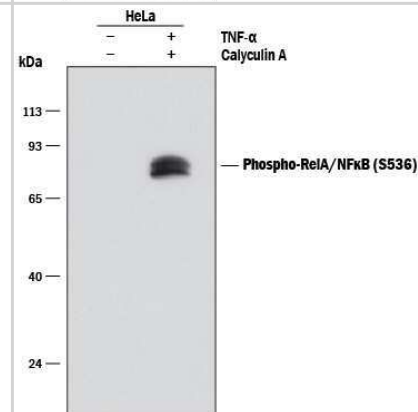
Western blot shows lysates of A) human Daudi, B) HeLa, and C) mouse NIH3T3. PVDF membrane was probed with 1 µg/mL of Mouse Anti-Human IKK beta Protein G purified Monoclonal Antibody (Catalog # NB100-56509) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody. A specific band was detected for IKK beta at approximately 87 kDa (as indicated). This experiment was conducted under reducing conditions.



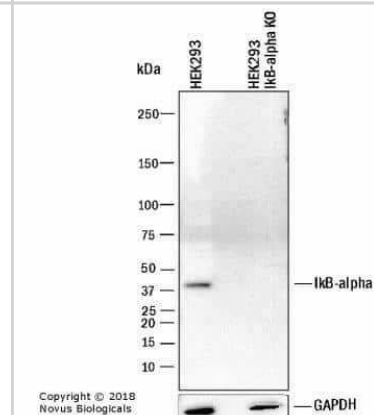
Western blot shows lysates of HeLa human cervical epithelial carcinoma cell line untreated (-) or treated (+) with 100 nM Calyculin A (Catalog # 1336) and 20 ng/mL Recombinant Human TNF-α (Catalog # 210-TA) for 10 minutes. PVDF membrane was probed with 1 µg/mL of Rat Anti-Human Phospho-IKK alpha (S176/S180) Mono-clonal Antibody (Catalog # MAB3768) followed by HRP-conjugated Anti-Rat IgG Secondary Antibody (Catalog # HAF005). A specific band was detected for Phospho-IKK alpha (S176/S180) at approximately 90 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 2.



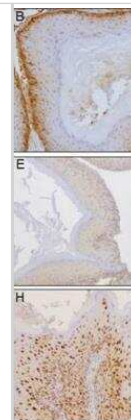
Western blot shows lysates of HeLa human cervical epithelial carcinoma cell line untreated (-) or treated (+) with 100 nM Calyculin A (Catalog # 1336) and 20 ng/mL Recombinant Human TNF-α (Catalog # 210-TA) for 10 minutes. PVDF membrane was probed with 0.1 µg/mL of Rabbit Anti-Human Phospho-RelA/NF kappa B p65 (S536) Monoclonal Antibody (Catalog # MAB72261) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # HAF008). A specific band was detected for Phospho-RelA/NF kappa B p65 (S536) at approximately 65 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.



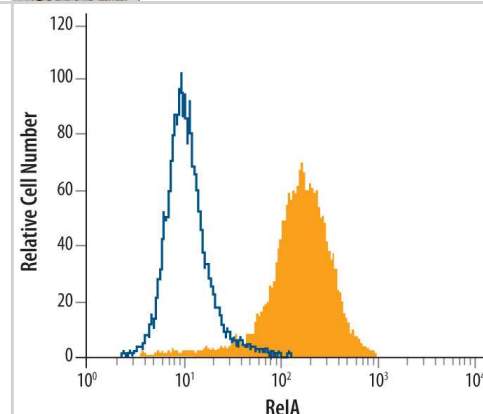
Western blot shows lysates of HEK293 human embryonic kidney parental cell line and IκB-alpha knockout (KO) HEK293 human embryonic kidney cell line. PVDF membrane was probed with 2 µg/ml of Mouse Anti-Human IκB-alpha monoclonal Antibody (Catalog # NB100-56507) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody. Specific band was detected for IκB-alpha at approximately 38 kDa (as indicated) in the parental HEK293 cell line, but is not detectable in the knockout HEK293 cell line. This experiment was conducted under reducing conditions.



Analysis of human IKK alpha in tumors of the three groups B (C-IKK alpha), E (Control), H (N-IKK alpha). Specific staining of human IKK alpha-using the NB100-56704 antibody. Scale bar: 70um. Image collected and cropped by CiteAb from the following publication (<http://www.oncotarget.com/article/8792/text/>) licensed under a CC-BY license.



HeLa human cervical epithelial carcinoma cell line was stained with Mouse Anti-Human/Mouse/Rat RelA/NF kappa B p65 Monoclonal Antibody (Catalog # MAB5078, filled histogram) or isotype control antibody (Catalog # MAB0041, open histogram), followed by Phycoerythrin-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # F0102B). To facilitate intracellular staining, cells were fixed with paraformaldehyde and permeabilized with methanol.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Antibody Packs are guaranteed for 1 year from date of receipt.

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