

# IκB alpha Monoclonal Antibody (6A920)

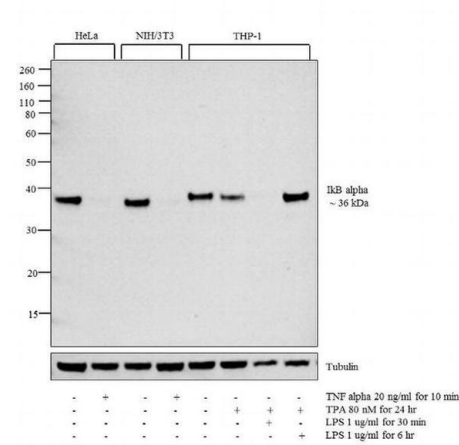
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	6A920
Conjugate	Unconjugated
Immunogen	A recombinant protein corresponding to amino acid residues 32-291 of human IκBa was used as immunogen.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2537671

Applications	Tested Dilution	Publications
Western Blot (WB)	1-2 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
Flow Cytometry (Flow)	0.25-1 µg per million cells	-
Immunoprecipitation (IP)	1 µg/mL	-

## Product Specific Information

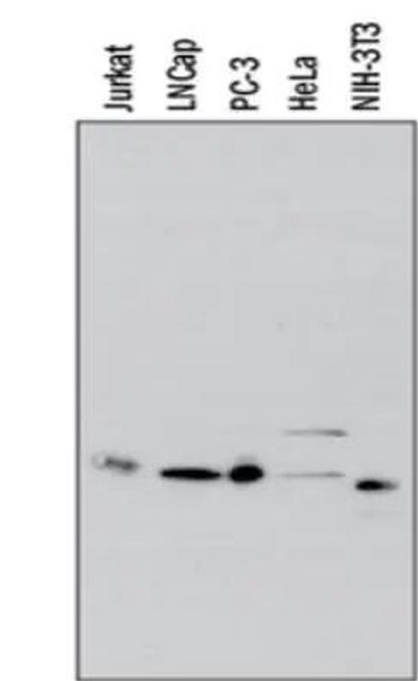
Suggested positive control: Daudi, Jurkat, or NIH-3T3.

Product Images For Ikb alpha Monoclonal Antibody (6A920)



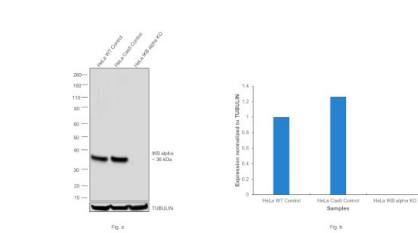
Ikb alpha Antibody (MA5-16152)

Altered expression of target protein upon cell treatment demonstrates antibody specificity. Western blot analysis of Ikb alpha using Ikb alpha Monoclonal Antibody (6A920) (Product # MA5-16152) shows loss of expression of proteins in HeLa and NIH/3T3 cell lines upon TNF alpha treatment and altered expression of THP-1 cells, differentiated with TPA and treated with LPS for the indicated times. {TM}



Ikb alpha Antibody (MA5-16152) in WB

Western blot analysis of Ikb alpha in lysates of Jurkat human acute T cell leukemia cell line, LNCaP human prostate cancer cell line, PC-3 human prostate cancer cell line, HeLa human cervical epithelial carcinoma cell line, and NIH-3T3 mouse embryonic fibroblast cell line. Samples were incubated in Ikb alpha monoclonal antibody (Product # MA5-16152) using a dilution of 0.5 µg/mL followed by a HRP-conjugated donkey anti-mouse IgG secondary antibody at a dilution of 1:2000.



Ikb alpha Antibody (MA5-16152)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in Ikb alpha KO cell line compared to control cell line using an Ikb alpha Monoclonal Antibody (6A920) (Product # MA5-16152). {KO}

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