

NFkB p50 Monoclonal Antibody (5D10)

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	5D10
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of human NFKB1 expressed in E. Coli.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	ascites
Contains	0.03% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_11157465

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (IHC)	1:200-1:1,000	-
Flow Cytometry (Flow)	1:200-1:400	-
ELISA (ELISA)	1:10,000	-

Product Specific Information

MA5-15860 targets NFKB1 in indirect ELISA, FACS, IHC, and WB applications and shows reactivity with Human samples.

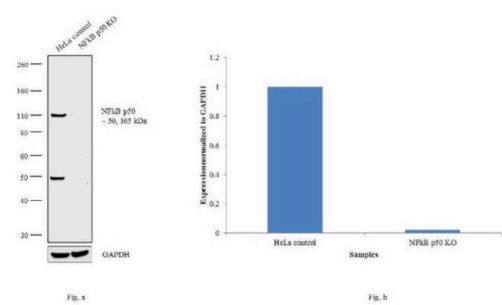
The MA5-15860 immunogen is purified recombinant fragment of human NFKB1 expressed in E. Coli. .

MA5-15860 detects NFKB1 which has a predicted molecular weight of approximately 50kDa/105kDa.

Product Images For NFkB p50 Monoclonal Antibody (5D10)

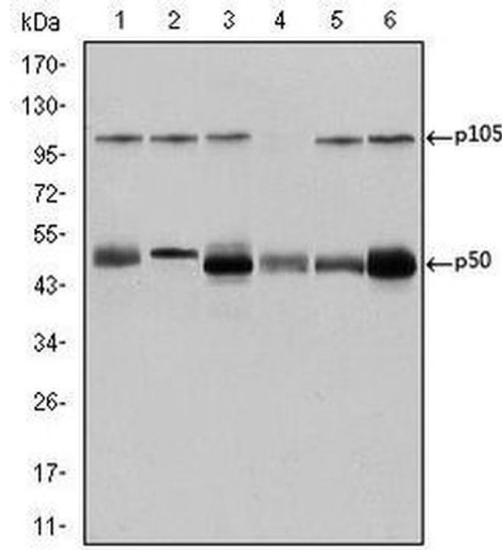
NFkB p50 Antibody (MA5-15860)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. Loss of signal was observed for target protein in NFkB p50 knockout (KO) cell line using Anti-NFkB p50 Mouse Monoclonal Antibody (Product # MA5-15860). {KO}



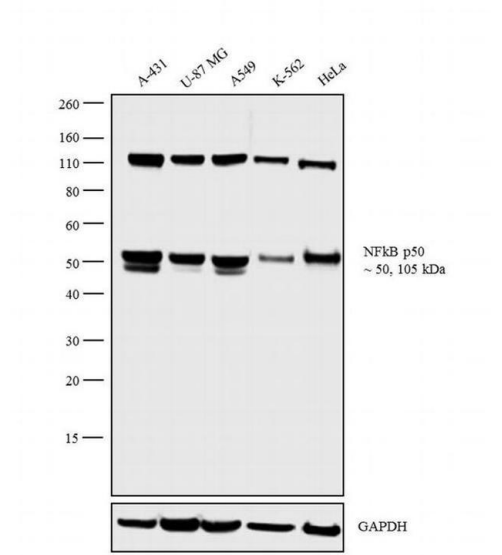
NFkB p50 Antibody (MA5-15860) in WB

Western blot analysis of NFKB1 using NFKB1 monoclonal antibody (Product # MA5-15860) in K562 (1), Jurkat (2), A431 (3), HeLa (4), THP-1 (5) and MCF-7 (6) cell lysate.



NFkB p50 Antibody (MA5-15860) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of A-431 (Lane 1), U-87 MG (Lane 2), A549 (Lane 3), K-562 (Lane 4) and HeLa (Lane 5). The blot was probed with Anti-NFkB p50 Monoclonal Antibody (Product # MA5-15860, 1:1000 dilution) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A28177, 0.25 µg/mL, 1:4000 dilution). A 50 kDa band corresponding to NFkB p50 was observed across the cell lines tested with an additional band at 105 kDa which is known to be the precursor of NFkB p50 called p105.



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