

Product Datasheet

I κ B-alpha Antibody (4D4C4) - BSA Free NBP2-52517

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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NBP2-52517I κ B-alpha Antibody (4D4C4) - BSA Free

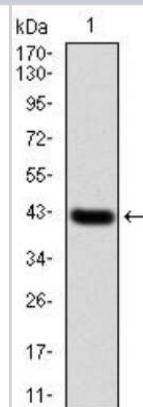
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4D4C4
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	35.6 kDa

Product Description	
Description	Novus Biologicals Mouse I κ B-alpha Antibody (4D4C4) - BSA Free (NBP2-52517) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4792
Gene Symbol	NFKBIA
Species	Human
Immunogen	Purified recombinant fragment of human I κ B-alpha (AA: 150-291) expressed in E. Coli.

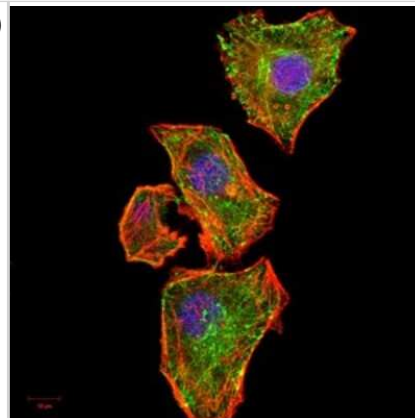
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000, CyTOF-ready
Application Notes	This antibody is Cytof ready.

Images

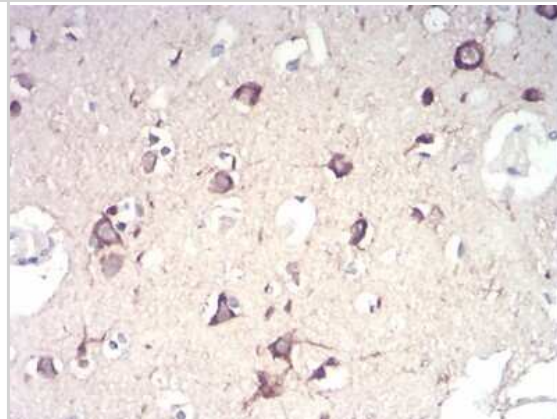
Western Blot: I κ B-alpha Antibody (4D4C4) [NBP2-52517] - Analysis using NFKBIA mAb against human NFKBIA (AA: 150-291) recombinant protein. (Expected MW is 42.4 kDa)



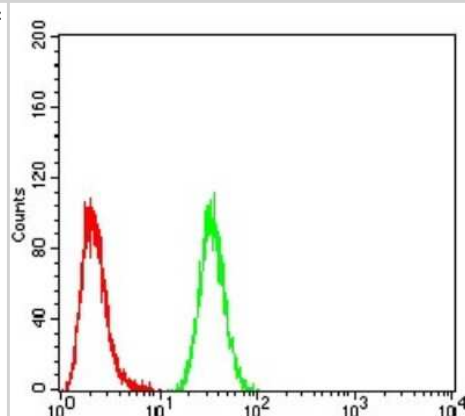
Immunocytochemistry/Immunofluorescence: I κ B-alpha Antibody (4D4C4) [NBP2-52517] - Analysis of MCF-7 cells using NFKBIA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



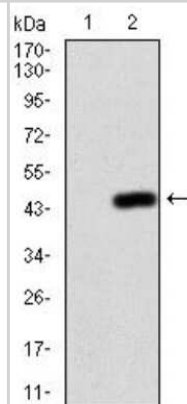
Immunohistochemistry-Paraffin: I κ B-alpha Antibody (4D4C4) [NBP2-52517] - Analysis of paraffin-embedded brain tissues using NFKBIA mouse mAb with DAB staining.



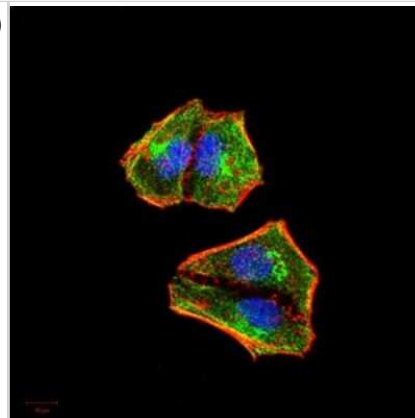
Flow Cytometry: I κ B-alpha Antibody (4D4C4) [NBP2-52517] - Analysis of A549 cells using NFKBIA mouse mAb (green) and negative control (red).



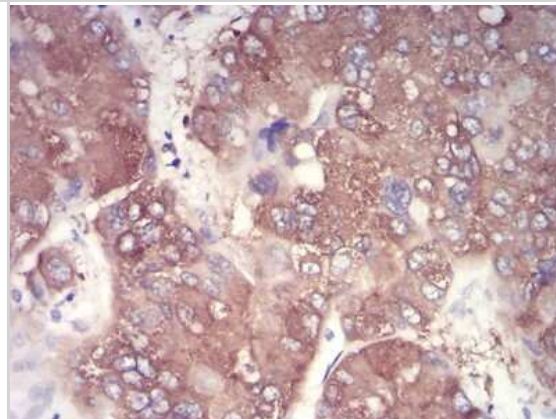
Western Blot: I κ B-alpha Antibody (4D4C4) [NBP2-52517] - Analysis using NFKBIA mAb against HEK293 (1) and NFKBIA (AA: 150-291)-hlgGfc transfected HEK293 (2) cell lysate.



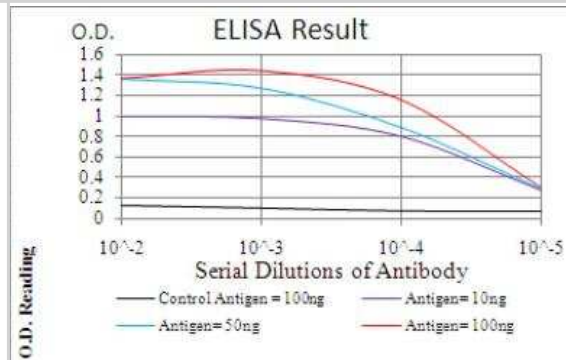
Immunocytochemistry/Immunofluorescence: I κ B-alpha Antibody (4D4C4) [NBP2-52517] - Analysis of Hela cells using NFKBIA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Immunohistochemistry-Paraffin: I κ B-alpha Antibody (4D4C4) [NBP2-52517] - Analysis of paraffin-embedded liver cancer tissues using NFKBIA mouse mAb with DAB staining.



ELISA: I κ B-alpha Antibody (4D4C4) [NBP2-52517] - Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng).





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Products Related to NBP2-52517

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

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

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