

Product Datasheet

ASK1 Antibody (2E4) NBP2-37592

Unit Size: 0.1 ml

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

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Publications: 2

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Updated 9/9/2025 v.20.1

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NBP2-37592

ASK1 Antibody (2E4)

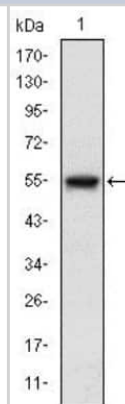
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2E4
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	55 kDa

Product Description	
Description	Novus Biologicals Mouse ASK1 Antibody (2E4) (NBP2-37592) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-ASK1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4217
Gene Symbol	MAP3K5
Species	Human
Immunogen	Purified recombinant fragment of human ASK1 expressed in E. Coli.

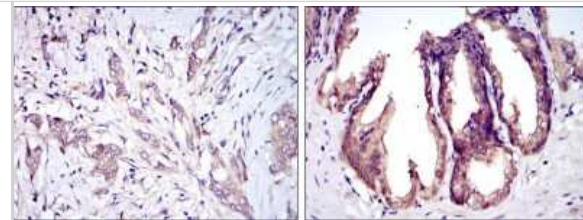
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000

Images

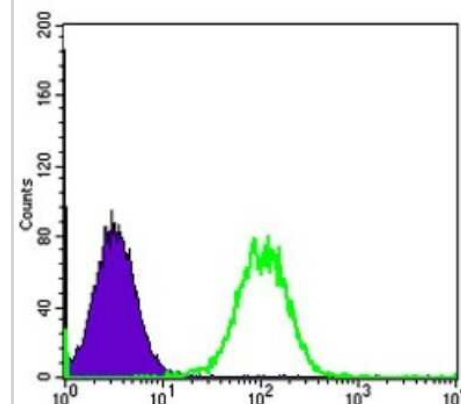
Western Blot: ASK1 Antibody (2E4) [NBP2-37592] - Western blot analysis using MAP3K5 mAb against human MAP3K5 (AA: 922-1108) recombinant protein. (Expected MW is 46.5 kDa)



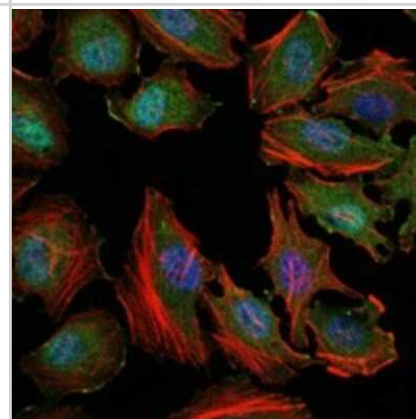
Immunohistochemistry: ASK1 Antibody (2E4) [NBP2-37592] - Immunohistochemical analysis of paraffin-embedded breast cancer tissues (left) and prostate tissues (right) using MAP3K5 mouse mAb with DAB staining.



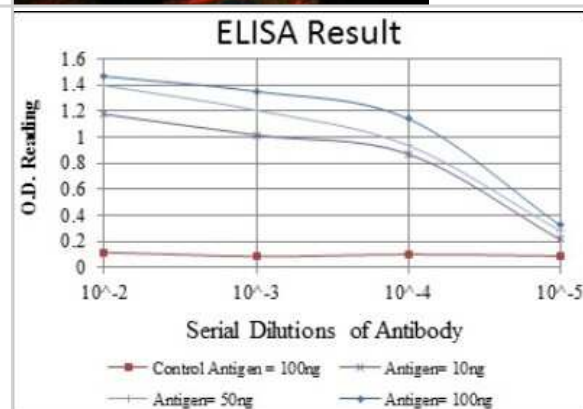
Flow Cytometry: ASK1 Antibody (2E4) [NBP2-37592] - Flow cytometric analysis of Hela cells using MAP3K5 mouse mAb (green) and negative control (purple).



Immunohistochemistry: ASK1 Antibody (2E4) [NBP2-37592] - Immunofluorescence analysis of Hela cells using MAP3K5 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



ELISA: ASK1 Antibody (2E4) [NBP2-37592] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Publications

Park SJ, Kim Y, Li C et al. Blocking CHOP-dependent TXNIP shuttling to mitochondria attenuates albuminuria and mitigates kidney injury in nephrotic syndrome Proceedings of the National Academy of Sciences of the United States of America 2022-08-30 [PMID: 35994650]

Miller MR, Koch SR, Choi H et al. Apoptosis Signal-Regulating Kinase 1 (ASK1) Inhibition Reduces Endothelial Cytokine Production without Improving Permeability after Toll-like Receptor 4 (TLR4) Challenge Translational research : the journal of laboratory and clinical medicine 2021-04-12 [PMID: 33857660]





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Products Related to NBP2-37592

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB100-56077PEP	ASK1 Antibody Blocking Peptide

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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