

Product Datasheet

MKP-1/DUSP1 Antibody (JJ0930) NBP2-67909

Unit Size: 100 ul

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

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Publications: 5

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NBP2-67909

MKP-1/DUSP1 Antibody (JJ0930)

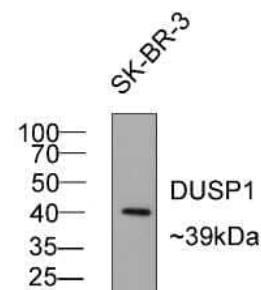
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JJ0930
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit MKP-1/DUSP1 Antibody (JJ0930) (NBP2-67909) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and IP. Anti-MKP-1/DUSP1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1843
Gene Symbol	DUSP1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human MKP-1/DUSP1 aa 112-156 / 367. (SwissProt: P28562 Human; SwissProt: P28563 Mouse; SwissProt: Q64623 Rat)

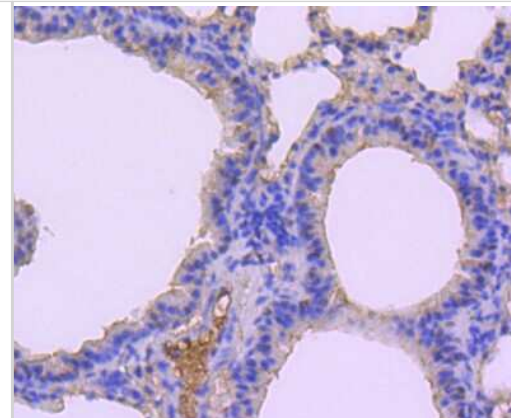
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

Images

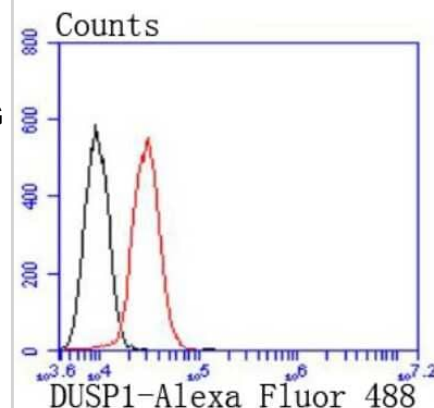
Western Blot: MKP-1/DUSP1 Antibody (JJ0930) [NBP2-67909] - Analysis of MKP-1/DUSP1 on SK-BR-3 cell tissue lysates with Rabbit anti-MKP-1/DUSP1 antibody at 1/500 dilution. Lysates/proteins at 10 ug/Lane. Predicted band size:39 kDa Observed band size: 39 kDa Exposure time: 2 minutes; 10% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature.



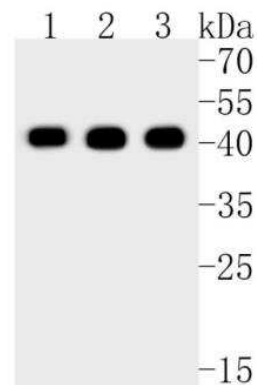
Immunohistochemistry-Paraffin: MKP-1/DUSP1 Antibody (JJ0930) [NBP2-67909] - Analysis of paraffin-embedded mouse lung tissue using anti-DUSP1 antibody. Counter stained with hematoxylin.



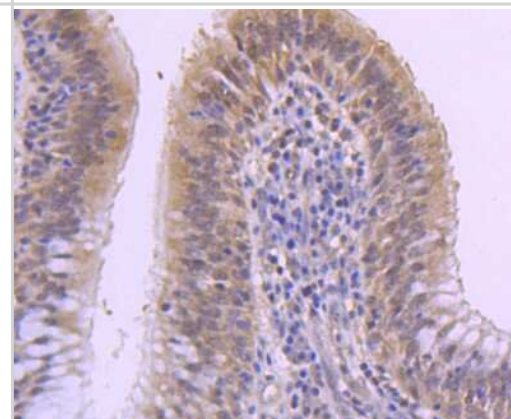
Flow Cytometry: MKP-1/DUSP1 Antibody (JJ0930) [NBP2-67909] - Analysis of HepG2 cells with DUSP1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



Western Blot: MKP-1/DUSP1 Antibody (JJ0930) [NBP2-67909] - Analysis of DUSP1 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: NIH/3T3 cell lysate Lane 2: Jurkat cell lysate Lane 3: mouse spleen tissue lysate



Immunohistochemistry-Paraffin: MKP-1/DUSP1 Antibody (JJ0930) [NBP2-67909] - Analysis of paraffin-embedded human lung cancer tissue using anti-DUSP1 antibody. Counter stained with hematoxylin.



Publications

J Feng, W Meng, L Chen, X Zhang, A Markazi, W Yuan, Y Huang, SJ Gao N6-Methyladenosine and Reader Protein YTHDF2 Enhance the Innate Immune Response by Mediating DUSP1 mRNA Degradation and Activating Mitogen-Activated Protein Kinases during Bacterial and Viral Infections MBio, 2023-01-10;0(0):e0334922. 2023-01-10 [PMID: 36625590]

Pan J, Lin M, Xu Z Et al. CDKN2B antisense RNA 1 suppresses tumor growth in human colorectal cancer by targeting MAPK inactivator dual specificity phosphatase 1 Carcinogenesis 2021-08-26 [PMID: 34436551]

Jefsen OH, Elfving B, Wegener G, MULLer HK Transcriptional regulation in the rat prefrontal cortex and hippocampus after a single administration of psilocybin J Psychopharmacol 2020-11-04 [PMID: 33143539] (WB, Rat)

Lei S, Xu H, Chen N et al. MKP 1 overexpression is associated with chemoresistance in bladder cancer via the MAPK pathway Oncol Lett 2020-06-16 [PMID: 32724417] (IF/IHC, Human)

Li Y, Xu S, Xu Q, Chen Y Clostridium difficile toxin B induces colonic inflammation through the TRIM46/DUSP1/MAPKs and NF-kappa B signalling pathway Artif Cells Nanomed Biotechnol 2020-12-01 [PMID: 31918570] (IP, Human)





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Products Related to NBP2-67909

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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