

Product Datasheet

MMP-1 Antibody (6A5) - BSA Free NBP2-22123

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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NBP2-22123**MMP-1 Antibody (6A5) - BSA Free**

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6A5
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Ammonium sulfate precipitation
Buffer	PBS
Target Molecular Weight	54 kDa

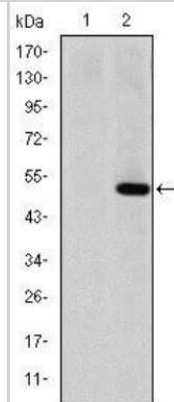
Product Description	
Description	Novus Biologicals Mouse MMP-1 Antibody (6A5) - BSA Free (NBP2-22123) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-MMP-1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4312
Gene Symbol	MMP1
Species	Human, Mouse
Reactivity Notes	Other species have not been tested.
Immunogen	Purified recombinant fragment of human MMP1 expressed in E. coli. [UniProt# P03956]

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, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000
Application Notes	This MMP1 (6A5) antibody is useful for Western blot, Immunohistochemistry on paraffin-embedded sections, Immunocytochemistry/Immunofluorescence, Flow Cytometry and ELISA.

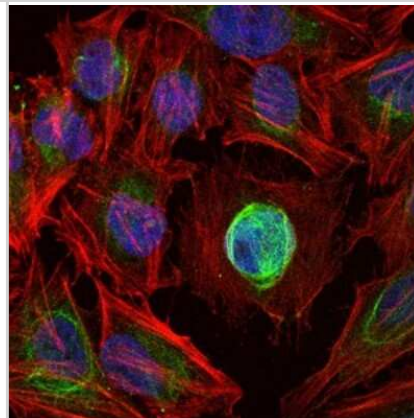


Images

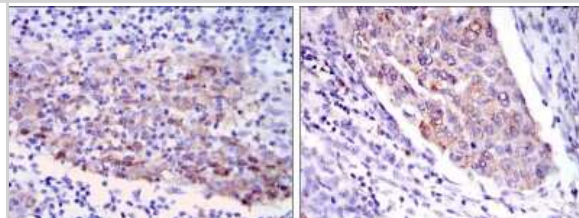
Western Blot: MMP-1 Antibody (6A5) [NBP2-22123] - Western blot analysis using MMP1 mAb against HEK293 (1) and MMP1(AA: 24-213)-hlgGFc transfected HEK293 (2) cell lysate.



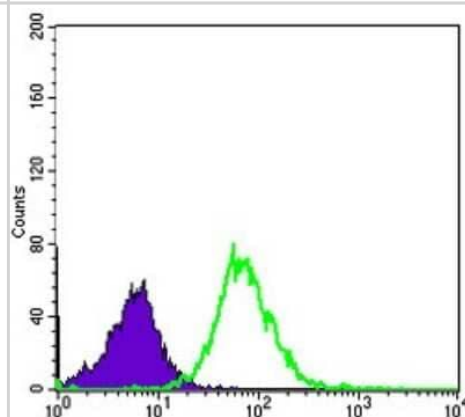
Immunocytochemistry/Immunofluorescence: MMP-1 Antibody (6A5) [NBP2-22123] - Immunofluorescence analysis of Hela cells using MMP1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



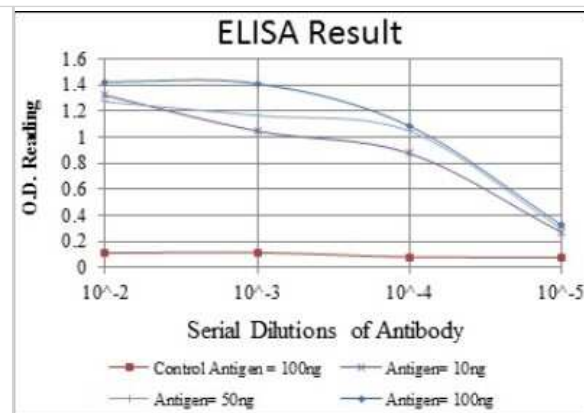
Immunohistochemistry-Paraffin: MMP-1 Antibody (6A5) [NBP2-22123] - Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues (left) and human kidney cancer tissues (right) using MMP1 mouse mAb with DAB staining.



Flow Cytometry: MMP-1 Antibody (6A5) [NBP2-22123] - Flow cytometric analysis of Hela cells using MMP1 mouse mAb (green) and negative control (purple).



ELISA: MMP-1 Antibody (6A5) [NBP2-22123] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng).



Publications

Tran, TT;Lee, G;Huh, YH;Chung, KH;Lee, SY;Park, KH;Kwon, SH;Kook, MS;Chun, JS;Koh, JT;Ryu, JH; Disruption of cholesterol homeostasis triggers periodontal inflammation and alveolar bone loss *Experimental & molecular medicine* 2023-12-01 [PMID: 38036731]

Su-Jin Kim, Se Hui Lee, Binh Do Quang, Thanh-Tam Tran, Young-Gwon Kim, Jun Ko, Weon-Young Choi, Sun Young Lee, Je-Hwang Ryu Avenanthramide-C Shows Potential to Alleviate Gingival Inflammation and Alveolar Bone Loss in Experimental Periodontitis *Molecules and Cells* 2023-10-31 [PMID: 37641936]

Zhou Y, Song Z, Hu Q et al Evaluation of the Expression of Matrix Metalloproteinase-1 of Laryngeal Squamous Cell Carcinoma by Ultrasound Molecular Imaging. *Front Pharmacol.* 2019-06-19 [PMID: 31275143] (ICC/IF, Mouse)

Details:

Citation using the Biotin version of this antibody.

Gharbia S, Balta C, Herman H et al. Enhancement of Silymarin Anti-fibrotic Effects by Complexation With Hydroxypropyl (HPBCD) and Randomly Methylated (RAMEB) β -Cyclodextrins in a Mouse Model of Liver Fibrosis *Front Pharmacol* 2018-08-13 [PMID: 30150935] (IHC-P, Mouse)

Kim MW, Park JT, Kim JH et al. Periostin in Mature Stage Localized Scleroderma.. *Ann Dermatol* 2017-06-01 [PMID: 28566901] (IF/IHC, Human)



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Products Related to NBP2-22123

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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