

Product Datasheet

MMP-13 Antibody (JF0893)

NBP2-66954

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: 1

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NBP2-66954

MMP-13 Antibody (JF0893)

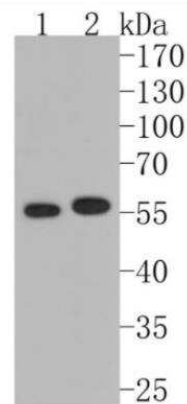
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JF0893
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit MMP-13 Antibody (JF0893) (NBP2-66954) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-MMP-13 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4322
Gene Symbol	MMP13
Species	Human, Mouse
Immunogen	Synthetic peptide within human MMP-13 aa 390-430. (SwissProt: P45452 Human)

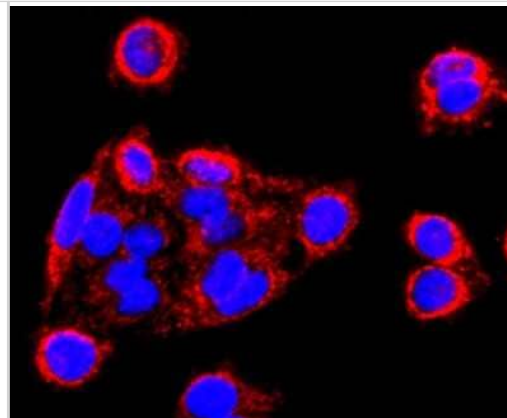
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence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

Images

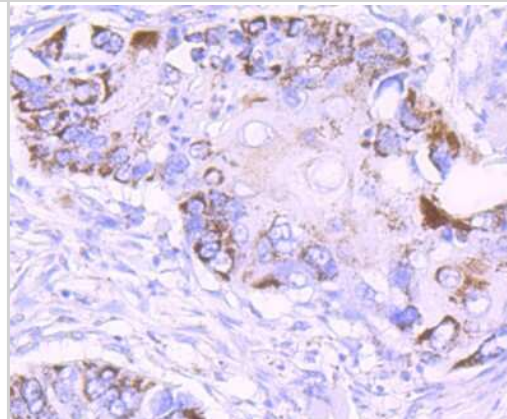
Western Blot: MMP-13 Antibody (JF0893) [NBP2-66954] - Analysis of MMP13 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: SW480 cell lysate Lane 2: MCF-7 cell lysate



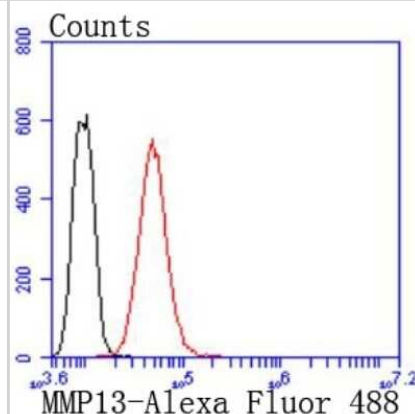
Immunocytochemistry/Immunofluorescence: MMP-13 Antibody (JF0893) [NBP2-66954] - Staining MMP13 in SW480 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



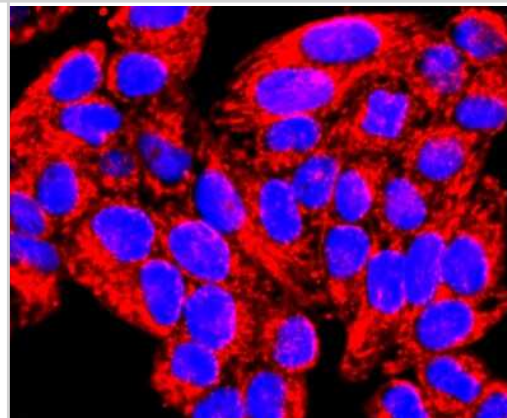
Immunohistochemistry-Paraffin: MMP-13 Antibody (JF0893) [NBP2-66954] - Analysis of paraffin-embedded human lung cancer tissue using anti-MMP13 antibody. Counter stained with hematoxylin.



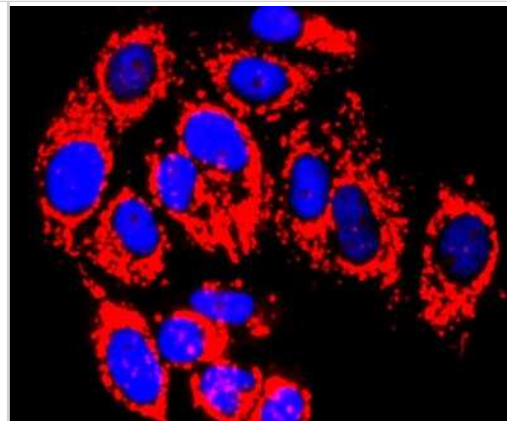
Flow Cytometry: MMP-13 Antibody (JF0893) [NBP2-66954] - Analysis of HeLa cells with MMP13 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



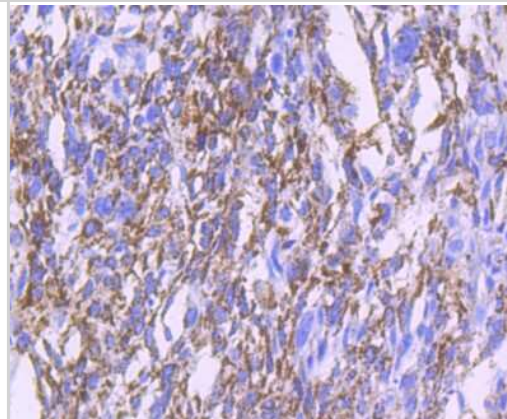
Immunocytochemistry/Immunofluorescence: MMP-13 Antibody (JF0893) [NBP2-66954] - Staining MMP13 in HeLa cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



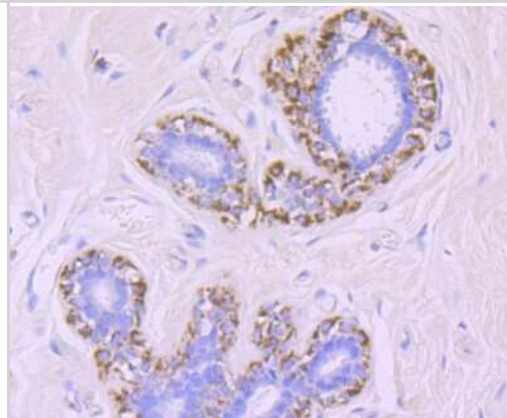
Immunocytochemistry/Immunofluorescence: MMP-13 Antibody (JF0893) [NBP2-66954] - Staining MMP13 in MCF-7 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: MMP-13 Antibody (JF0893) [NBP2-66954] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-MMP13 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: MMP-13 Antibody (JF0893) [NBP2-66954] - Analysis of paraffin-embedded human breast tissue using anti-MMP13 antibody. Counter stained with hematoxylin.



Publications

L Song, X Li, Q Sun, Y Zhao Fxyd5 activates the NF κ B pathway and is involved in chondrocytes inflammation and extracellular matrix degradation Molecular Medicine Reports, 2022-02-22;25(4):. 2022-02-22 [PMID: 35191523]



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Products Related to NBP2-66954

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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