Product Datasheet

MMP-13 Antibody (OTI2D8) - Azide and BSA Free
NBP2-72740

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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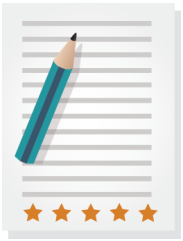
Updated 9/9/2025 v.20.1



NBP2-72740

MMP-13 Antibody (OTI2D8) - Azide and BSA Free

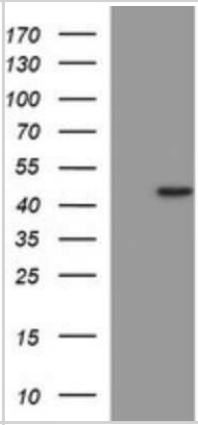
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2D8
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	42.2 kDa

Product Description	
Description	Novus Biologicals Mouse MMP-13 Antibody (OTI2D8) - Azide and BSA Free (NBP2-45887) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4322
Gene Symbol	MMP13
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Human recombinant protein fragment corresponding to amino acids 104-471 of human MMP13 (NP_002418) produced in HEK293T cell.

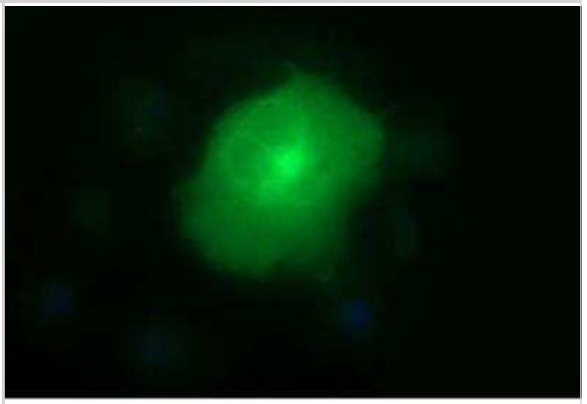
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1:4000, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin, Knockdown Validated

Images

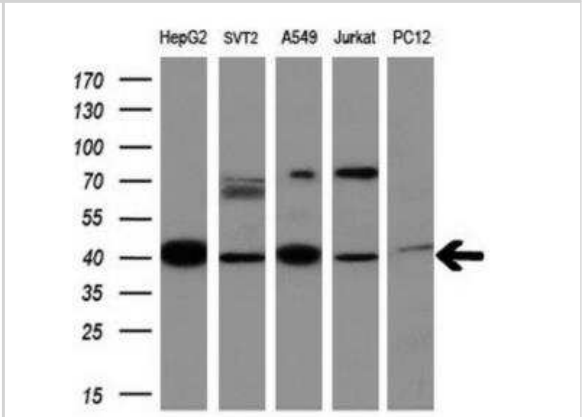
Western Blot: MMP-13 Antibody (OTI2D8) - Azide and BSA Free [NBP2-72740] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MMP-13.



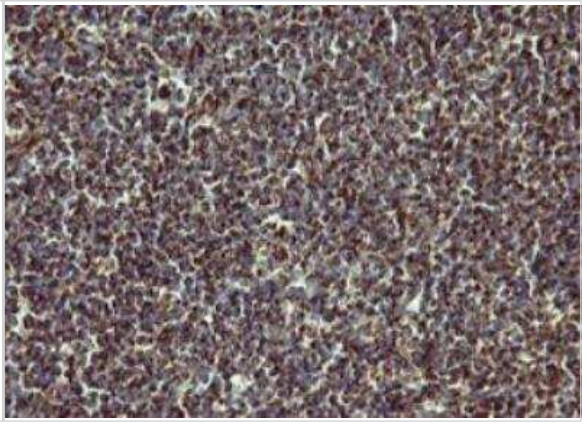
Immunocytochemistry/Immunofluorescence: MMP-13 Antibody (OTI2D8) - Azide and BSA Free [NBP2-72740] - Anti-MMP13 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MMP13.



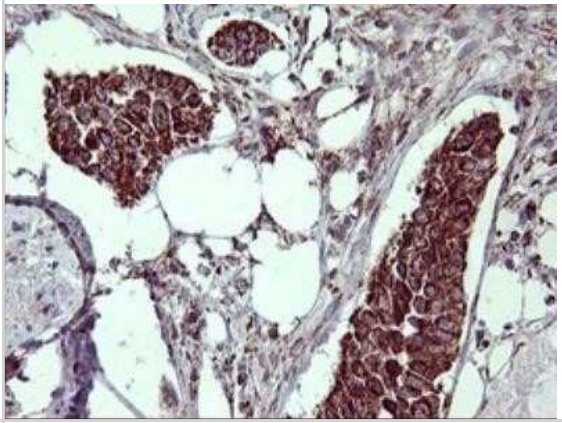
Western Blot: MMP-13 Antibody (OTI2D8) - Azide and BSA Free [NBP2-72740] - Analysis of extracts (10ug) from 5 different cell lines by using anti-MMP13 monoclonal antibody at 1:200 dilution.



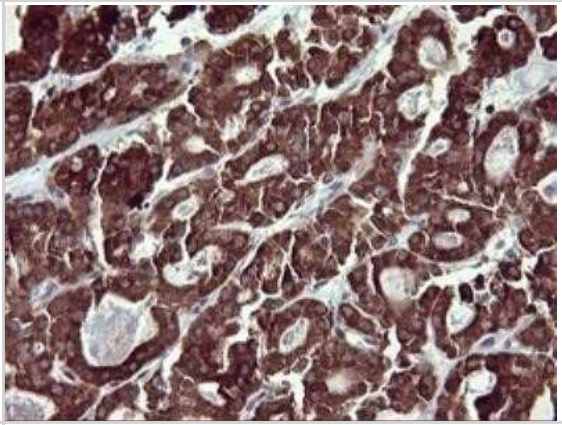
Immunohistochemistry-Paraffin: MMP-13 Antibody (OTI2D8) - Azide and BSA Free [NBP2-72740] - Human lymph node tissue within the normal limits using anti-MMP13 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120 degrees C for 3min.



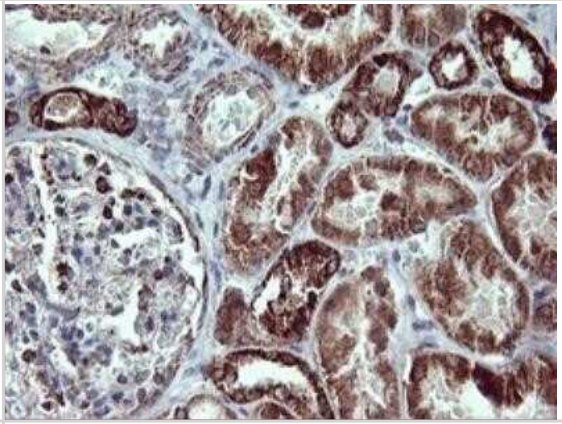
Immunohistochemistry: MMP-13 Antibody (OTI2D8) - Azide and BSA Free [NBP2-72740] - Analysis of Carcinoma of Human bladder tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



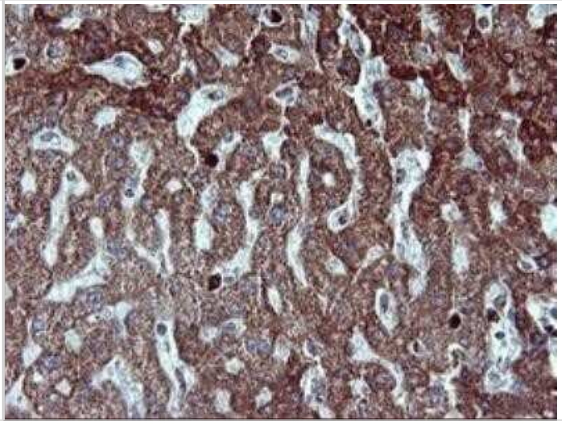
Immunohistochemistry: MMP-13 Antibody (OTI2D8) - Azide and BSA Free [NBP2-72740] - Analysis of Carcinoma of Human thyroid tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



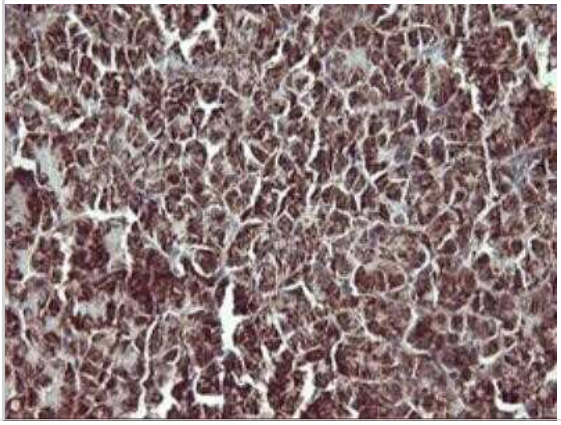
Immunohistochemistry: MMP-13 Antibody (OTI2D8) - Azide and BSA Free [NBP2-72740] - Analysis of Human Kidney tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunohistochemistry: MMP-13 Antibody (OTI2D8) - Azide and BSA Free [NBP2-72740] - Analysis of Human liver tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunohistochemistry: MMP-13 Antibody (OTI2D8) - Azide and BSA Free [NBP2-72740] - Analysis of Human pancreas tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-72740

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]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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