

Product Datasheet

MMP-14/MT1-MMP Antibody (114-6G6) - Azide Free NBP2-29699

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-29699

Updated 2/23/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-29699



NBP2-29699**MMP-14/MT1-MMP Antibody (114-6G6) - Azide Free**

Product Information	
Unit Size	0.1 mg
Concentration	2 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	114-6G6
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	0.1M Sodium Phosphate (pH 7.0) and 2% BSA (protease free)

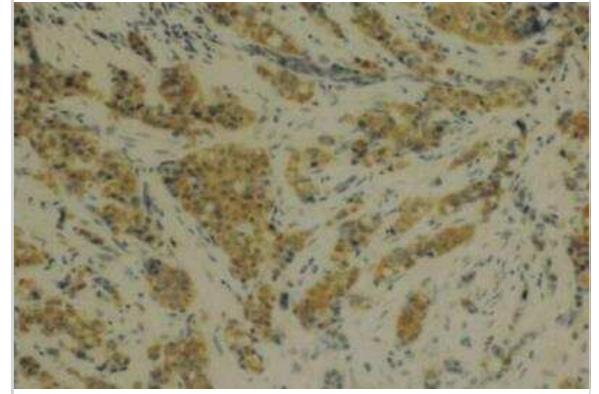
Product Description	
Description	Relevant Entrez Gene Numbers: NM_004995.2
Host	Mouse
Gene ID	4323
Gene Symbol	MMP14
Species	Human
Specificity/Sensitivity	The antibody specifically reacts with human MT1-MMP. This is a purified mouse monoclonal antibody to an oligopeptide of REVPTYAYIREGHEK (residue 160-173) on human membrane-type 1 matrix metalloproteinase (human MT1-MMP) and does not react with mouse or rat. However, this sequence is identical in mouse and rat MT1-MMP. For unknown reasons this antibody does not react on westerns to CC1043.
Immunogen	This antibody is specific to MMP-14
Notes	Relevant Entrez Gene Numbers: NM_004995.2

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 8-20 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	ImmunoBlotting: 66+60kDa (Ueno et al., 1997) Immunohistochemistry on paraffin-embedded tissue sections, use at 20 ug/mL concentration (see Ueno et al., 1997; Nakamura et al., 1999). Requires periodate-lysine-paraformaldehyde fixative (Namura et al., 1999) for 18-24 hrs. at 4C. EIA



Images

Immunohistochemistry: MMP-14/MT1-MMP Antibody (114-6G6) [NBP2-29699] - Mouse anti-MT1-MMP Staining of breast carcinoma.



Publications

Popa GV, Costache A, Badea O et al. Histopathological and immunohistochemical study of periodontal changes in chronic smokers Romanian Journal of Morphology and Embryology 2021-10-10 [PMID: 34609423] (Immunohistochemistry)



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 NBP2-29699

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-61379-1mg	Recombinant Human MMP-14/MT1-MMP Protein

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-29699

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

