

Product Datasheet

MMP-14/MT1-MMP Antibody (LEM-2/15) - Azide and BSA Free **NBP3-09002-0.2mg**

Unit Size: 0.2 mg

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-09002

Updated 11/7/2023 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/NBP3-09002



NBP3-09002-0.2mg

MMP-14/MT1-MMP Antibody (LEM-2/15) - Azide and BSA Free

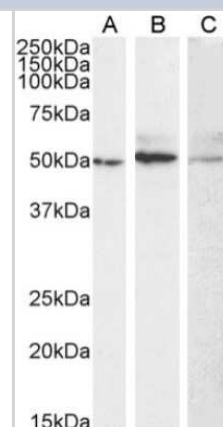
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	LEM-2/15
Preservative	0.02% Proclin 300
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	4323
Gene Symbol	MMP14
Species	Human
Specificity/Sensitivity	This antibody binds to residues 218-233 of the V-B loop of MT1-MMP with a Kd of 2.32E10-9M.
Immunogen	The cyclic peptide possessing the sequence of residues 218-233 of the V-B-loop of MT1-MMP.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Application Notes	This antibody binds to residues 218-233 of the V-B loop of MT1-MMP which is a mediator of cell migration and is frequently involved in malignancy of tumours by promoting metastasis. The antibody acts as a non-competitive inhibitor of the receptor.

Images

Western Blot: MMP-14/MT1-MMP Antibody (LEM-2/15) [NBP3-09002] - A549 (A), HepG2 (B) and HeLa (C) cell lysate samples (35ug protein in RIPA buffer) were resolved on a 10% SDS PAGE gel and blots probed with the chimeric mouse IgG1 version of LEM-2/15 (NBP3-09002) at 0.3 ug/ml before detection using an anti-mouse secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence. The predicted running size for unprocessed MMP-14/MT1-MMP is 65.9 kDa. A signal peptide and propeptide are cleaved from MMP-14/MT1-MMP during post-translational processing. The processed form of MMP-14/MT1-MMP may be seen in all samples, and the unprocessed form in lanes B and C. NBP3-09002 successfully detected MMP-14/MT1-MMP in A549, HepG2 and HeLa cell lysates.





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 NBP3-09002-0.2mg

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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)

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/NBP3-09002

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

