

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.

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NBP3-09002-0.2mg

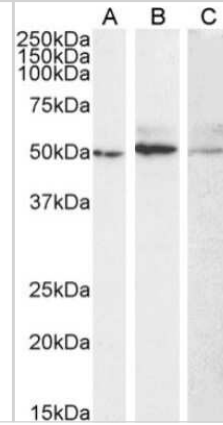
MMP-14/MT1-MMP Antibody (LEM-2/15) - Azide and BSA Free

| 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 | |
| Description | Novus Biologicals Mouse MMP-14/MT1-MMP Antibody (LEM-2/15) - Azide and BSA Free (NBP3-09002) is a recombinant monoclonal antibody validated for use in WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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.





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Products Related to NBP3-09002-0.2mg

| | |
|------------------|--|
| 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] |
| NBP1-43319-0.5mg | 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.

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