

# Product Datasheet

## MMP-10 Antibody NB100-92182

Unit Size: 0.1 ml

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

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**NB100-92182**

MMP-10 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2)
Target Molecular Weight	54 kDa

Product Description	
Host	Rabbit
Gene ID	4319
Gene Symbol	MMP10
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide, corresponding to amino acids 351-400 of Human MMP-10.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000 , Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	Immunohistochemistry (IHC) analysis of MMP-10 (I387) pAb in paraffin-embedded human brain tissue. Use in Immunohistochemistry-Frozen and western blot reported in scientific literature (PMID 24023802)

**Publications**

Guidotti S, Minguzzi M, Platano D, Santi S et al. Glycogen Synthase Kinase-3 beta Inhibition Links Mitochondrial Dysfunction, Extracellular Matrix Remodelling and Terminal Differentiation in Chondrocytes Sci Rep 2017-09-21 [PMID: 28935982] (IF/IHC, Human)

Lai H, Zhao X, Qin Y, Ding Y. FAK-ERK activation in cell/matrix adhesion induced by the loss of apolipoprotein E stimulates the malignant progression of ovarian cancer. J. Exp. Clin. Cancer Res. 2018-02-20 [PMID: 29458390] (IHC-P, Mouse)

Olivotto E, Otero M, Astolfi A et al. IKKalpha/CHUK Regulates Extracellular Matrix Remodeling Independent of Its Kinase Activity to Facilitate Articular Chondrocyte Differentiation. PLoS One. 2013-09-02 [PMID: 24023802] (WB, IHC-Fr, Mouse)





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### **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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