

Product Datasheet

MMP-10 Antibody NBP1-03118

Unit Size: 0.05 mg

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

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NBP1-03118

MMP-10 Antibody

Product Information	
Unit Size	0.05 mg
Concentration	0.2 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 7.4, 0.1% BSA.
Product Description	
Host	Rabbit
Gene ID	4319
Gene Symbol	MMP10
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 22545096).
Specificity/Sensitivity	Peptide from the hinge region of human MMP10
Immunogen	A synthetic peptide from human MMP10.
Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 10 ug/ml, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	IHC-F and ICC/IF usage were reported in scientific literature.

Publications

Koller Felicitas L, Dozier E Ashley, Nam Ki Taek et al. Lack of MMP10 exacerbates experimental colitis and promotes development of inflammation-associated colonic dysplasia. *Lab Invest* 2012-01-01 [PMID: 23044923] (ICC/IF, ICC/IF, Mouse)

Blaber EA, Dvorochkin N, Lee C et al. Microgravity Induces Pelvic Bone Loss through Osteoclastic Activity, Osteocytic Osteolysis, and Osteoblastic Cell Cycle Inhibition by CDKN1a/p21. *PLoS One* 2013-04-18 [PMID: 23637819] (IF/IHC, Mouse)

Justilien V, Regala RP, Tseng IC et al. Matrix metalloproteinase-10 is required for lung cancer stem cell maintenance, tumor initiation and metastatic potential. *PLoS One*;7(4). 2012-01-01 [PMID: 22545096] (IF/IHC, Mouse)

Regala RP, Justilien V, Walsh MP et al. Matrix metalloproteinase-10 promotes kras-mediated bronchio-alveolar stem cell expansion and lung cancer formation. *PLoS ONE*;6(10). 2011-01-01 [PMID: 22022614]

McCord LA, Li F, Rosewell KL et al. Ovarian Expression and Regulation of the Stromelysins During the Periovarial Period in the Human and the Rat. *Biology of Reproduction*. 2011-11-23 [PMID: 22116802]





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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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