

Product Datasheet

MMP-9 Antibody (CL0539) - Azide and BSA Free NBP3-44016

Unit Size: 100 ul

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

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NBP3-44016

MMP-9 Antibody (CL0539) - Azide and BSA Free

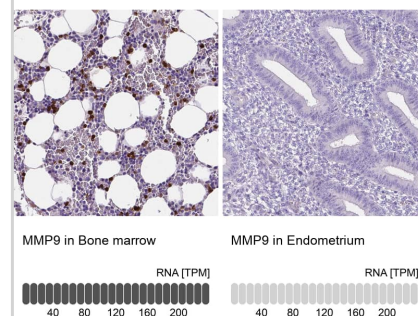
Product Information	
Unit Size	100 ul
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0539
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	4318
Gene Symbol	MMP9
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P14780, with the exact immunogen sequence remaining proprietary.

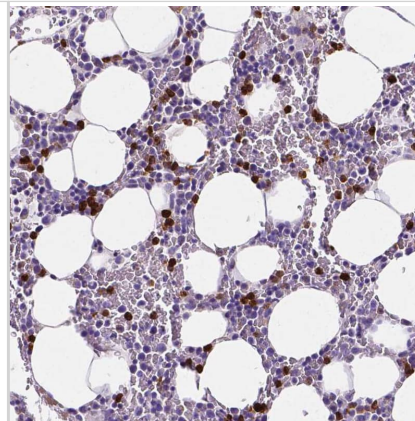
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

Analysis in human bone marrow and endometrium tissues using NBP3-44016 antibody. Corresponding MMP-9 RNA-seq data are presented for the same tissues.



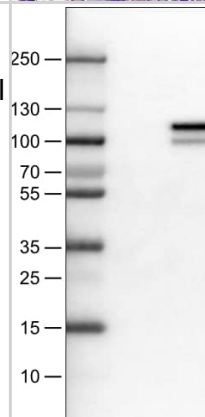
Staining of human bone marrow shows strong cytoplasmic positivity in a subset of hematopoietic cells.



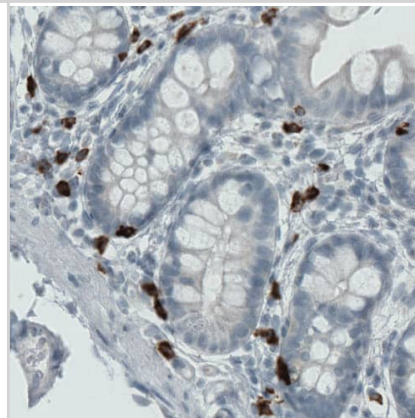
Lane 1: Marker [kDa]

Lane 2: Negative control (vector only transfected HEK293T lysate)

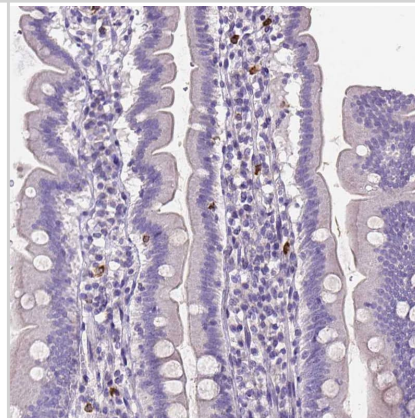
Lane 3: MMP-9 Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)



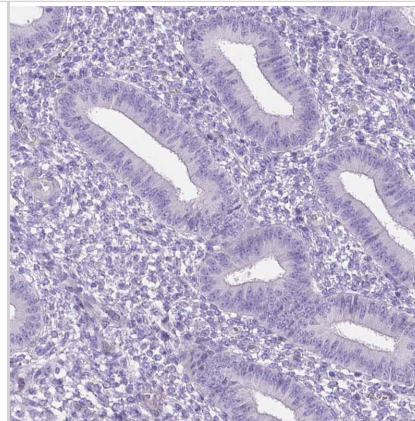
Staining of human duodenum shows strong cytoplasmic positivity in a subset of lymphoid cells.



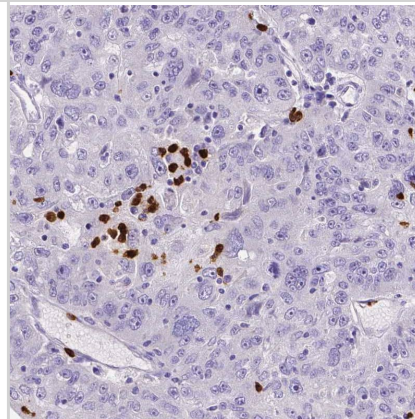
Staining of human duodenum shows strong cytoplasmic positivity in lymphoid cells.



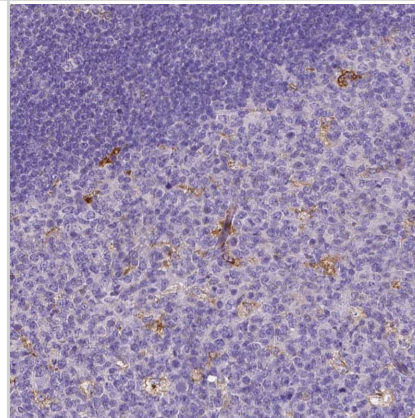
Staining of human endometrium shows no positivity in glandular cells as expected.



Staining of human stomach cancer shows strong cytoplasmic positivity in lymphoid cells.



Staining of human tonsil shows moderate cytoplasmic positivity in a subset of lymphoid cells.





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Products Related to NBP3-44016

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-57940PEP	MMP-9 Antibody Blocking Peptide

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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