

Product Datasheet

MMP-2 Antibody [Alexa Fluor® 488] NB200-193AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB200-193AF488

MMP-2 Antibody [Alexa Fluor® 488]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 488
Purity	Immunogen affinity purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	4313
Gene Symbol	MMP2
Species	Human, Mouse, Rat, Porcine, Bovine, Chicken, Equine, Guinea Pig
Reactivity Notes	Guinea Pig reactivity reported in scientific literature (PMID: 26982283).
Specificity/Sensitivity	This antibody is specific for pro and active forms of MMP2. It was tested in WB against recombinant mouse MMP-2, MMP3, MMP7, MMP9, and MMP16 wherein it did not react with other MMPs.
Immunogen	Human C-terminal peptide (aa. 475-490).
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen



Application Notes

This MMP2 antibody is useful for Western Blot, Immunocytochemistry/Immunofluorescence, and Immunohistochemistry on frozen and paraffin-embedded sections. In Western Blot, bands can be seen at approximately 72kDa (proform) and 62kDa (active form). Antigen retrieval is not required for IHC. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

Publications

Caballero EP, Santamaria MH, Corral RS. Endogenous osteopontin induces myocardial CCL5 and MMP-2 activation that contributes to inflammation and cardiac remodeling in a mouse model of chronic Chagas heart disease. *Biochim Biophys Acta Mol Basis Dis* 2018-01-01 [PMID: 28987763]





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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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