

# Product Datasheet

## MMP-8 Antibody - BSA Free NBP1-85576

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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Updated 12/2/2025 v.20.1

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**NBP1-85576**

MMP-8 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

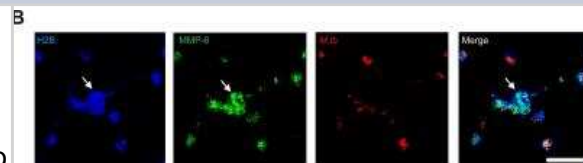
Product Description	
Description	Novus Biologicals Rabbit MMP-8 Antibody - BSA Free (NBP1-85576) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-MMP-8 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4317
Gene Symbol	MMP8
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KWERTNLTYRIRNYTPQLSEAEVERAIKDAFELWSVASPLIFTRISQGEADINIAF YQRDHGDNSPFDGPNQ

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

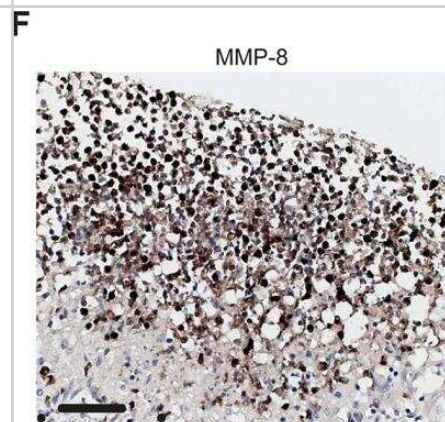


## Images

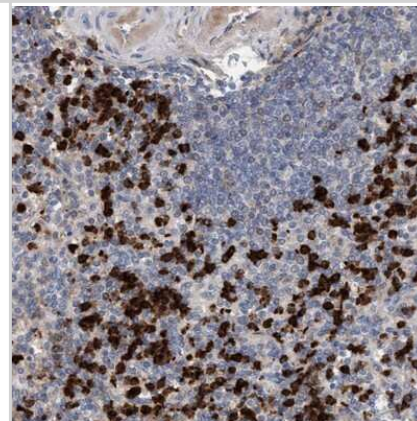
Immunocytochemistry/Immunofluorescence: MMP-8 Antibody [NBP1-85576] - Neutrophil MMP-8 associates with NETs. Neutrophils were infected with M.tb MOI of 10 for 4 hours and NETs stained with DAPI (blue), anti-histone 2B (H2B, green) or anti-MMP-8 (green), while M.tb was stained with anti-M.tb Ab (red). Mtb induces NET formation which do not adhere to the shape of the neutrophil nuclei (White arrows). Scale bars represent 25 um. Image collected and cropped by CiteAb from the following publication ([dx.plos.org/10.1371/journal.ppat.1004917](https://dx.plos.org/10.1371/journal.ppat.1004917)), licensed under a CC-BY license.



Immunohistochemistry-Paraffin: MMP-8 Antibody [NBP1-85576] - Neutrophil MMP-8 and -9 are upregulated in human TB. Magnified H&E and MMP-8 stains from Fig 1C inset shows neutrophils immunoreactive for MMP-8 around the cavity wall. Scale bar represent 50 um. Image collected and cropped by CiteAb from the following publication ([journals.plos.org/plospathogens/article?id=10.1371/journal.ppat.1004917](https://journals.plos.org/plospathogens/article?id=10.1371/journal.ppat.1004917)), licensed under a CC-BY license.



Immunohistochemistry-Paraffin: MMP8 Antibody [NBP1-85576] - Staining of human spleen shows strong cytoplasmic positivity in cells of red pulp.



## Publications

Ivano Legnini, Lisa Emmenegger, Alessandra Zappulo, Agnieszka Rybak-Wolf, Ricardo Wurmus, Anna Oliveras Martinez, Cledi Cerda Jara, Anastasiya Boltengagen, Talé Hessler, Guido Mastrobuoni, Stefan Kempa, Robert Zinzen, Andrew Woehler, Nikolaus Rajewsky Spatiotemporal, optogenetic control of gene expression in organoids *Nature Methods* 2023-09-21 [PMID: 37735569]

Ong CW, Elkington PT, Brilha S et al. Neutrophil-Derived MMP-8 Drives AMPK-Dependent Matrix Destruction in Human Pulmonary Tuberculosis. *PLoS Pathog.* 2015-05-01 [PMID: 25996154] (Human)



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### **Products Related to NBP1-85576**

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NBP1-85576PEP	MMP-8 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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