

# Product Datasheet

## MAP4 Antibody - BSA Free NBP1-89483

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: 1

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Updated 12/2/2025 v.20.1

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**NBP1-89483**

MAP4 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

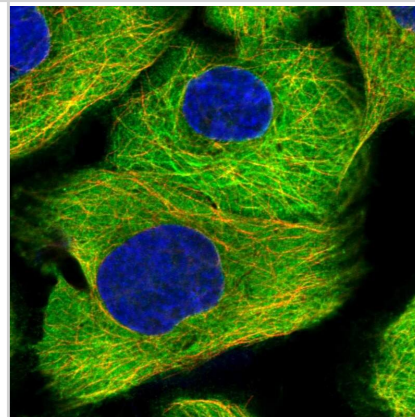
Product Description	
Description	Novus Biologicals Rabbit MAP4 Antibody - BSA Free (NBP1-89483) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-MAP4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4134
Gene Symbol	MAP4
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261).
Marker	Microtubule Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EAPLAKDGVLTLANNVTPAKDVPPLSETEATPVPIKDMEIAQTQKGISEDSHLES LQDVGQSAAPTFMISPETVTGT

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.



## Images

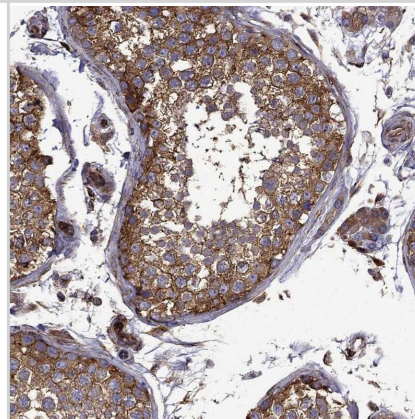
Staining of human cell line A-431 shows localization to plasma membrane, cytosol & microtubules.



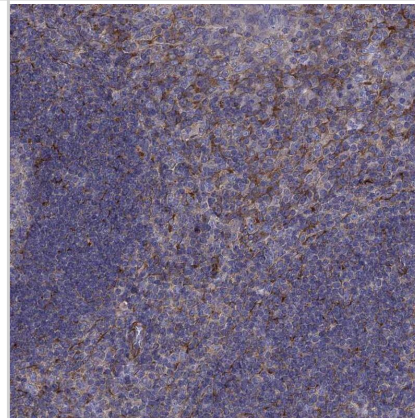
Staining of human kidney, lymphoid tissues, skeletal muscle and testis using Anti-MAP4 antibody NBP1-89483 (A) shows similar protein distribution across tissues to independent antibody NBP1-85874 (B).



Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



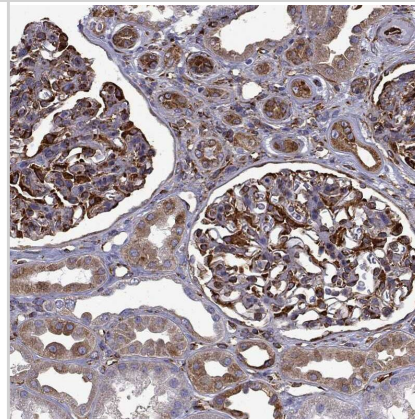
Staining of human tonsil shows strong cytoplasmic positivity in non-germinal center cells.



Staining of human skeletal muscle shows strong cytoplasmic positivity in myocytes.



Staining of human kidney shows strong cytoplasmic positivity in cells in glomeruli.



## Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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### **Products Related to NBP1-89483**

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NBP1-89483PEP	MAP4 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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.

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