

# Product Datasheet

## MAP4 Antibody - BSA Free NBP1-85874

Unit Size: 0.1 ml

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

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Updated 2/21/2025 v.20.1

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**NBP1-85874**

MAP4 Antibody - BSA Free

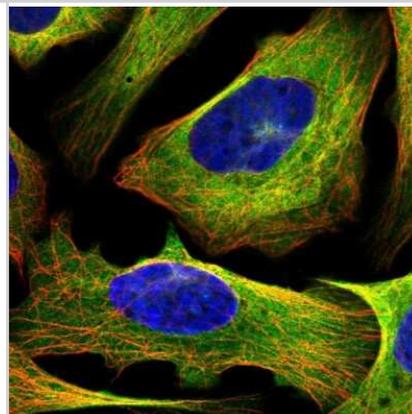
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal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

Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	4134
<b>Gene Symbol</b>	MAP4
<b>Species</b>	Human
<b>Marker</b>	Microtubule Marker
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: PPAQALEIMMGLKTTDMAPSKETEMALAKDMALATKTEVALAKDMESPTKLDV TLAKDMQPSMESDMALVKDMELPTEKEVALVKDVRWPTETDVSSAKNVV

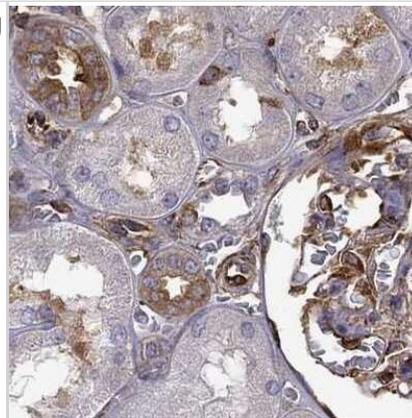
Product Application Details	
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500 -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

**Images**

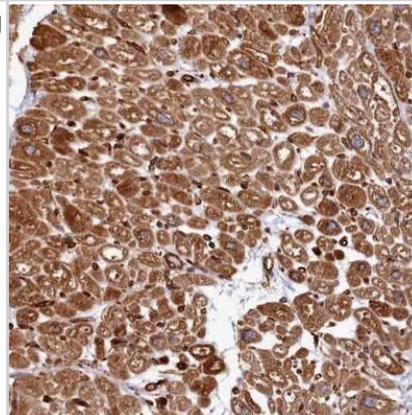
Immunocytochemistry/Immunofluorescence: MAP4 Antibody [NBP1-85874] - Staining of human cell line U-2 OS shows localization to plasma membrane, cytosol and microtubules.



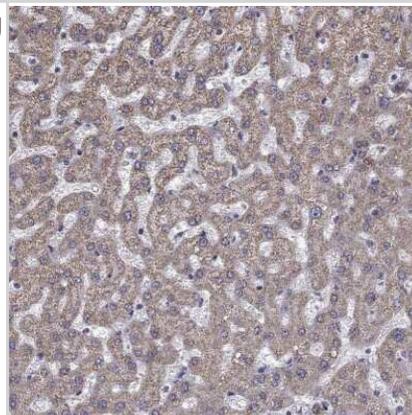
Immunohistochemistry-Paraffin: MAP4 Antibody [NBP1-85874] - Staining of human kidney.



Immunohistochemistry-Paraffin: MAP4 Antibody [NBP1-85874] - Staining of human heart muscle shows strong cytoplasmic positivity in myocytes.



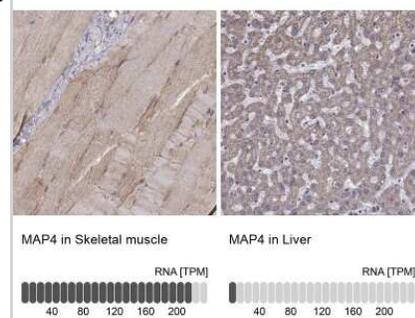
Immunohistochemistry-Paraffin: MAP4 Antibody [NBP1-85874] - Staining of human liver shows low expression as expected.



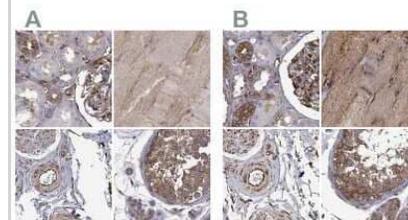
Immunohistochemistry-Paraffin: MAP4 Antibody [NBP1-85874] - Staining of human skeletal muscle shows high expression.



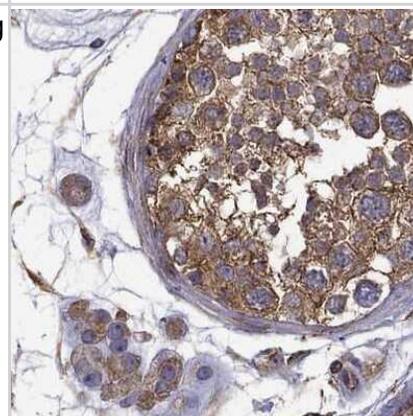
Immunohistochemistry-Paraffin: MAP4 Antibody [NBP1-85874] - Staining in human skeletal muscle and liver tissues using anti-MAP4 antibody. Corresponding MAP4 RNA-seq data are presented for the same tissues.



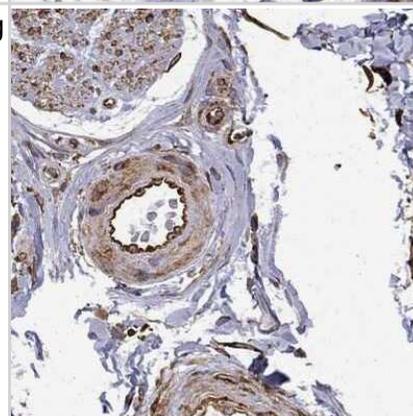
Immunohistochemistry-Paraffin: MAP4 Antibody [NBP1-85874] - Staining of human kidney, skeletal muscle, soft tissues and testis using Anti-MAP4 antibody NBP1-85874 (A) shows similar protein distribution across tissues to independent antibody NBP1-89483 (B).



Immunohistochemistry-Paraffin: MAP4 Antibody [NBP1-85874] - Staining of human testis.



Immunohistochemistry-Paraffin: MAP4 Antibody [NBP1-85874] - Staining of human soft tissues.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-85874**

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NBP1-85874PEP	MAP4 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.

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