

# Product Datasheet

## PTP mu/PTPRM Antibody NB100-79867

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-79867](http://www.novusbio.com/NB100-79867)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB100-79867](http://www.novusbio.com/reviews/destination/NB100-79867)



**NB100-79867****PTP mu/PTPRM Antibody**

| <b>Product Information</b> |                                                        |
|----------------------------|--------------------------------------------------------|
| <b>Unit Size</b>           | 0.1 mg                                                 |
| <b>Concentration</b>       | 0.5 mg/ml                                              |
| <b>Storage</b>             | Store at -20C. 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>              | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

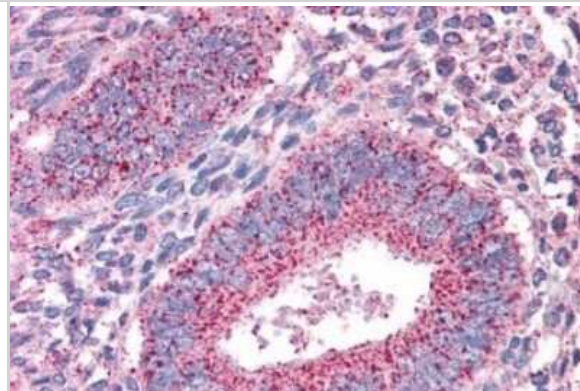
| <b>Product Description</b>     |                                                                                                                                                                                                                                                 |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | Novus Biologicals Goat PTP mu/PTPRM Antibody (NB100-79867) is a polyclonal antibody validated for use in IHC and ELISA. Anti-PTP mu/PTPRM Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                    | Goat                                                                                                                                                                                                                                            |
| <b>Gene ID</b>                 | 5797                                                                                                                                                                                                                                            |
| <b>Gene Symbol</b>             | PTPRM                                                                                                                                                                                                                                           |
| <b>Species</b>                 | Human                                                                                                                                                                                                                                           |
| <b>Reactivity Notes</b>        | Expected from sequence similarity: Mouse, Dog                                                                                                                                                                                                   |
| <b>Specificity/Sensitivity</b> | This antibody is expected to recognise both reported isoforms (NP_001098714.1 and NP_002836.3).                                                                                                                                                 |
| <b>Immunogen</b>               | Peptide with sequence C-KLIRQVDKWQEEYN corresponding to internal region according to NP_001098714.1, NP_002836.3.                                                                                                                               |

| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Recommended Dilutions</b>       | Immunohistochemistry, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA Detection limit 1:16000                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Application Notes</b>           | WB: Preliminary experiments gave bands at approx. 110 kDa band and 16 kDa band in rat retina lysates after 0.1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 165 kDa band according to human NP_001098714.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). |

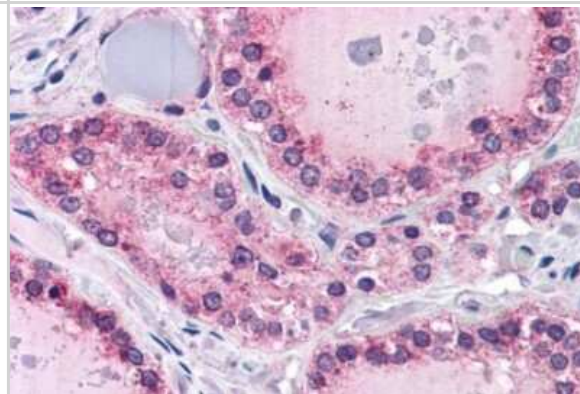


## Images

Immunohistochemistry-Paraffin: PTP mu/PTPRM Antibody [NB100-79867] - (3.75ug/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: PTP mu/PTPRM Antibody [NB100-79867] - (3.75ug/ml) staining of paraffin embedded Human Thyroid. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Aricescu AR, Hon WC, Siebold C et al. Molecular analysis of receptor protein tyrosine phosphatase mu-mediated cell adhesion. EMBO J 2006-02-22 [PMID: 16456543]



### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB100-79867**

|                 |                                                                        |
|-----------------|------------------------------------------------------------------------|
| HAF017          | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109          | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control                                               |
| NBP2-54929PEP   | PTP mu/PTPRM Recombinant Protein Antigen                               |

### **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)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB100-79867](http://www.novusbio.com/reviews/submit/NB100-79867)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)



