

Product Datasheet

PTP mu/PTPRM Antibody NB100-79867

Unit Size: 0.1 mg

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

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Publications: 1

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

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

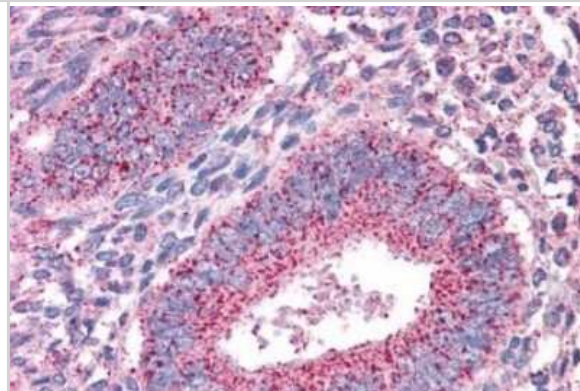
Product Description	
Description	Novus Biologicals Goat PTP mu/PTPRM Antibody (NB100-79867) is a polyclonal antibody validated for use in IHC and ELISA. Anti-PTP mu/PTPRM Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5797
Gene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

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	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).

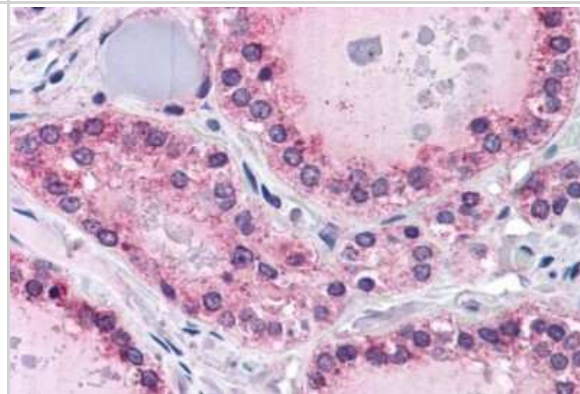


Images

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]



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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.

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