

For Research Use Only

PTPRM/RPTPmu Polyclonal antibody, PBS Only

Catalog Number: 30763-1-PBS



Basic Information

Catalog Number:

30763-1-PBS

Size:

100ug, Concentration: 1 mg/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33475

GenBank Accession Number:

NM_002845

GeneID (NCBI):

5797

UNIPROT ID:

P28827

Full Name:

protein tyrosine phosphatase,
receptor type, M

Calculated MW:

164KD

Observed MW:

80 kDa, 100 kDa, 200 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, rat

Background Information

PTPRM, also known as protein tyrosine phosphatase receptor type M or RPTPmu, is a protein with a molecular weight of approximately 155 kDa. It is a receptor-type tyrosine phosphatase involved in cell-cell adhesion, migration, and signaling. It exists in two forms, either a full-length 200 kDa form or as two noncovalently associated fragments of 100 kDa each. Additional unidentified serine proteases cleave PTP μ in GBM cells to yield smaller extracellular fragments with MWs of 78 and 55 kDa (PMID: 25223585).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

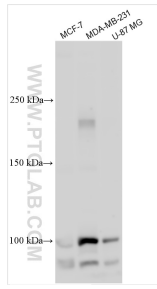
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

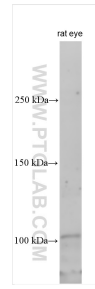
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30763-1-AP (PTPRM antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30763-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 30763-1-AP (PTPRM antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30763-1-PBS in a different storage buffer formulation.