



## PTPRM Antibody

CATALOG NUMBER: 46-252

### Specifications

#### SPECIES REACTIVITY:

**TESTED APPLICATIONS:** ELISA

**APPLICATIONS:** ELISA: antibody detection limit dilution 1:16000. Western Blot: Preliminary experiments gave bands at approx 110kDa and 16kDa in Rat Retina lysates after 0.1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated s

**SPECIFICITY:** This antibody is expected to recognise both reported isoforms (NP\_001098714.1 and NP\_002836.3).

**IMMUNOGEN:** PTPRM antibody was raised against a 14 amino acid synthetic peptide near the internal region of PTPRM.

**HOST SPECIES:** Goat

### Properties

**PURIFICATION:** PTPRM antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**PHYSICAL STATE:** Liquid

**BUFFER:** PTPRM antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

**CONCENTRATION:** 500 ug/mL

**STORAGE CONDITIONS:** Aliquot and store at -20°C. Minimize freezing and thawing.

**CLONALITY:** Polyclonal

**CONJUGATE:** Unconjugated

### Additional Info

**ALTERNATE NAMES:** PTPRM, protein tyrosine phosphatase, receptor type, M, MGC166994, PTPRL1, R-PTP-MU, RPTPM, RPTPU, hR-PTPu, protein tyrosine phosphatase mu, mu polypeptide

**ACCESSION NO.:** NP\_001098714.1, NP\_002836.3

**PROTEIN GI NO.:** 157419152

**OFFICIAL SYMBOL:** PTPRM

**GENE ID:** 5797

### Background

**REFERENCES:** 1) Aricescu AR, Hon WC, Siebold C, Lu W, van der Merwe PA, Jones EY. Molecular analysis of receptor protein tyrosine phosphatase mu-mediated cell adhesion. EMBO J. 2006 Feb 22;25(4):701-12. Epub 2006 Feb 2.

FOR RESEARCH USE ONLY

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