

Goat anti-PTPRM Antibody

Item Number	dAP-1305
Target Molecule	Principle Name: PTPRM; Official Symbol: PTPRM; All Names and Symbols: PTPRM; protein tyrosine phosphatase, receptor type, M; MGC166994; PTPRL1; R-PTP-MU; RPTPM; RPTPU; hR-PTPU; protein tyrosine phosphatase mu; protein tyrosine phosphatase, receptor type, mu polypeptide; Accession Number (s): NP_001098714.1; NP_002836.3; Human Gene ID(s): 5797; Non-Human GenelD(s):
Immunogen	KLIRQVDKWQEEYN, is from internal region This antibody is expected to recognise both reported isoforms (NP_001098714.1 and NP_002836.3).
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 110kDa and 16kDa in Rat Retina lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated s
IHC	Immunohistochemistry: Paraffin embedded Human Uterus and Thyroid. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): 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. <i>EMBO J.</i> 2006 Feb 22;25(4):701-12. Epub 2006 Feb 2.. PMID: 16456543 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**