For Research Use Only

PTPRZ Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:87063-2-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
87063-2-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG5898

GenBank Accession Number:
NM_002851

GeneID (NCBI):
5803

UNIPROT ID:
P23471-1

Full Name:
protein tyrosine phosphatase, receptor-type, Z polypeptide 1

Calculated MW:
255 kDa

Purification Method:
Protein A purification

CloneNo.:
251714A4

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87063-2-PBS targets PTPRZ as part of a matched antibody pair:

MP02836-1: 87063-2-PBS capture and 87063-1-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

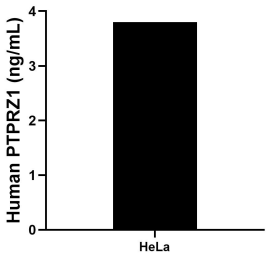
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

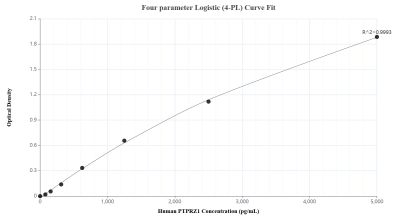
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

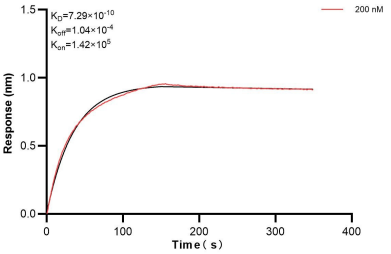
Selected Validation Data



The mean PTPRZ1 concentration was determined to be 3.8 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP02836-1, Human PTPRZ1 Recombinant Matched Antibody Pair - PBS only. 87063-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5898. 87063-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



Biolayer interferometry (BLI) kinetic assay of 87063-2-PBS against Human PTPRZ was performed. The affinity constant is 0.729 nM.