For Research Use Only

ROBO1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:88665-1-PBS

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

Basic Information

Catalog Number:
88665-1-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG6518

GenBank Accession Number:
NM_002941.3

GeneID (NCBI):
6091

UNIPROT ID:
Q9Y6N7-1

Full Name:
roundabout, axon guidance receptor, homolog 1 (Drosophila)

Calculated MW:
181 kDa

Purification Method:
Protein A purification

CloneNo.:
261090E2

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

88665-1-PBS targets ROBO1 as part of a matched antibody pair:

MP03581-1: 88665-2-PBS capture and 88665-1-PBS detection (validated in Cytometric bead array)

MP03581-2: 88665-3-PBS capture and 88665-1-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.

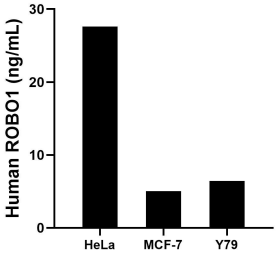
Storage

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

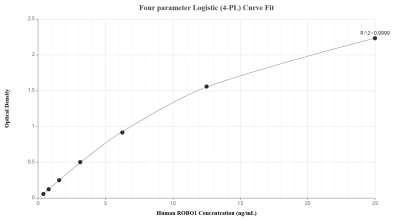
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

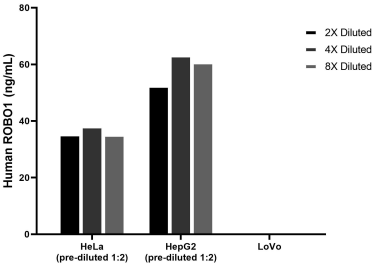
Selected Validation Data



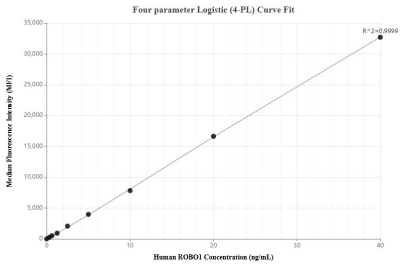
The mean ROBO1 concentration was determined to be 27.61 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load, 5.02 ng/mL in MCF-7 cell extract based on a 1.20 mg/mL extract load and 6.44 ng/mL in Y79 cell extract based on a 1.20 mg/mL extract load.



Sandwich ELISA standard curve of MP03581-2, Human ROBO1 Recombinant Matched Antibody Pair - PBS only. 88665-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6518. 88665-1-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL.



The mean ROBO1 concentration was determined to be 36.1 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 58.7 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, LoVo cell extract were served as a negative control.



Cytometric bead array standard curve of MP03581-1, ROBO1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88665-2-PBS. Detection antibody: 88665-1-PBS. Standard: Eg6518. Range: 0.312-40 ng/mL.