

For Research Use Only

ROBO4 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 88139-4-PBS



Basic Information

Catalog Number:

88139-4-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG7821

GenBank Accession Number:

NM_019055.6

GeneID (NCBI):

54538

UNIPROT ID:

Q8WZ75-1

Full Name:

roundabout homolog 4, magic roundabout (Drosophila)

Calculated MW:

107 kDa

Purification Method:

Protein A purification

CloneNo.:

260378H1

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

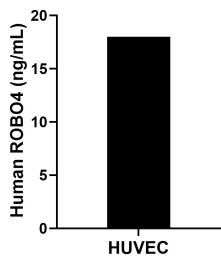
T: 4006900926

E: Proteintech-CN@ptglab.com

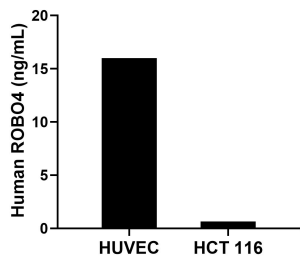
W: ptgcn.com

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

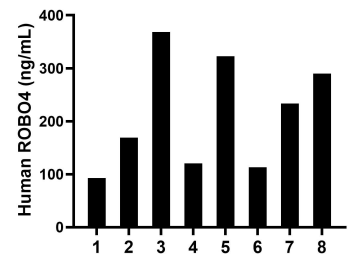
Selected Validation Data



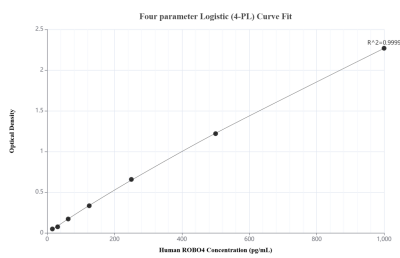
HUVEC were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human ROBO4, and measured 18.0 ng/mL.



The mean ROBO4 concentration was determined to be 16.0 ng/mL in HUVEC cell extract based on a 1.5 mg/mL extract load and 0.7 ng/mL in HCT 116 cell extract based on a 1.2 mg/mL extract load.



Plasma of eight individual healthy human donors was measured. The ROBO4 concentration of detected samples was determined to be 213.8 ng/mL with a range of 93.1-368.5 ng/mL.



Sandwich ELISA standard curve of MP03363-2, Human ROBO4 Recombinant Matched Antibody Pair - PBS only. 88139-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg7821. 88139-2-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL.