

For Research Use Only

CD31/PECAM-1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 80773-5-PBS



Basic Information

Catalog Number:

80773-5-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG4658

GenBank Accession Number:

NM_000442.5

GeneID (NCBI):

5175

ENSEMBL Gene ID:

ENSG00000261371

UNIPROT ID:

P16284-1

Full Name:

platelet/endothelial cell adhesion molecule

Calculated MW:

83 kDa

Purification Method:

Protein A purification

CloneNo.:

251101D11

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

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:

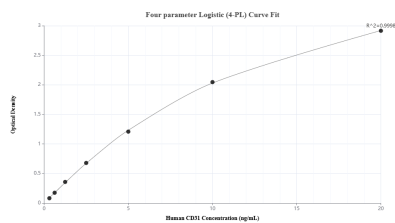
T: 4006900926

E: Proteintech-CN@ptglab.com

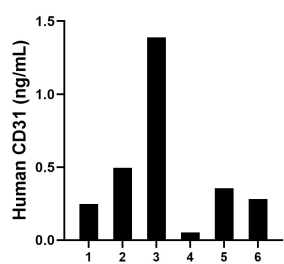
W: ptgcn.com

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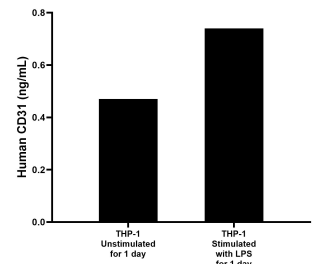
Selected Validation Data



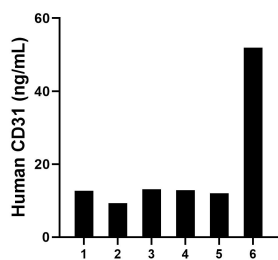
Sandwich ELISA standard curve of MP02437-2, Human CD31 Recombinant Matched Antibody Pair - PBS only. 80773-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg4658. 80773-5-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



Urine of six individual healthy human donors was measured. The human CD31 concentration of detected samples was determined to be 0.47 ng/mL with a range of 0.05 - 1.39 ng/mL



THP-1 cells (3×10^6 cells/mL) were cultured in RPMI with 10% fetal bovine serum, 50 μ M β -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. The cells were cultured unstimulated or stimulated with 1 μ g/mL LPS for 1 day. Aliquots of the cell culture supernatants were removed, assayed for levels of CD31, measured 0.47 ng/mL and 0.74 ng/mL respectively.



Plasma of six individual healthy human donors was measured. The human CD31 concentration of detected samples was determined to be 18.66 ng/mL with a range of 9.29 - 51.94 ng/mL