

For Research Use Only

VE-cadherin/CD144 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83766-4-PBS



Basic Information

Catalog Number:

83766-4-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001795.5

GeneID (NCBI):

1003

UNIPROT ID:

P33151-1

Full Name:

cadherin 5, type 2 (vascular endothelium)

Calculated MW:

88 kDa

Purification Method:

Protein A purification

CloneNo.:

240755F1

Applications

Tested Applications:

Cytometric bead array, 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

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

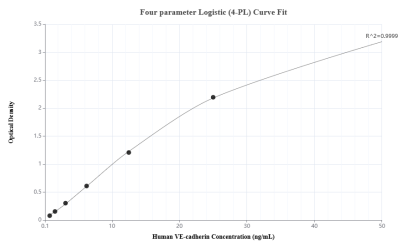
T: 4006900926

E: Proteintech-CN@ptglab.com

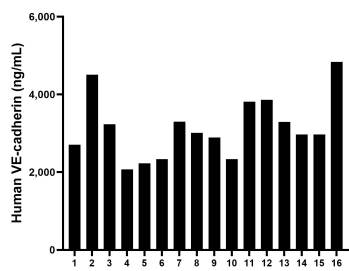
W: ptgcn.com

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

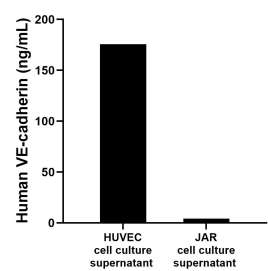
Selected Validation Data



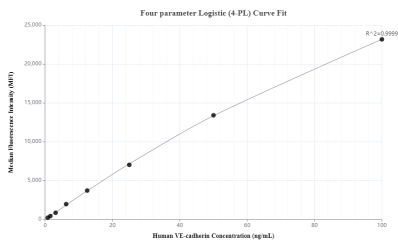
Sandwich ELISA standard curve of MP00752-3, Human VE-cadherin/CD144 Recombinant Matched Antibody Pair - PBS only. 83766-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1200. 83766-4-PBS was HRP conjugated as the detection antibody. Range: 0.78-50 ng/mL



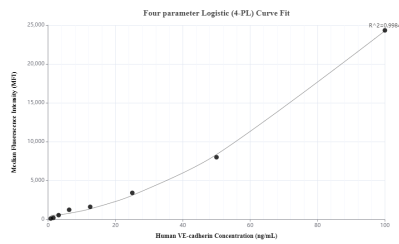
Serum of sixteen humans was measured. The human VE-cadherin/CD144 concentration of detected samples was determined to be 3,148.2 ng/mL with a range of 2,070.2 - 4,839.1 pg/mL



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 VE-cadherin/CD144, and measured 175.74 ng/mL. JAR 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,



Cytometric bead array standard curve of MP00752-1, VE-cadherin/CD144 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83766-2-PBS. Detection antibody: 83766-4-PBS. Standard: Eg1200. Range: 0.78-100 ng/mL



Cytometric bead array standard curve of MP00752-3, VE-cadherin/CD144 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83766-1-PBS. Detection antibody: 83766-4-PBS. Standard: Eg1200. Range: 0.78-100 ng/mL