For Research Use Only

EpCAM/TROP1 Recombinant antibody, PBS Only (Capture)

Catalog Number:84073-7-PBS

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Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
84073-7-PBS

Size:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_002354.3

GeneID (NCBI):
4072

UNIPROT ID:
P16422

Full Name:
epithelial cell adhesion molecule

Calculated MW:
35 kDa

Purification Method:
Protein A purification

CloneNo.:
241243F8

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

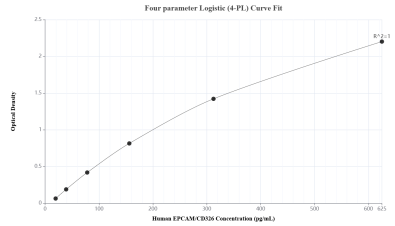
Background Information

Storage

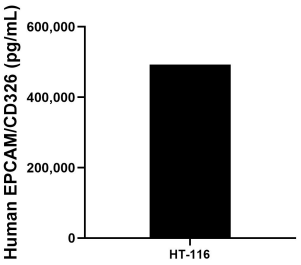
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

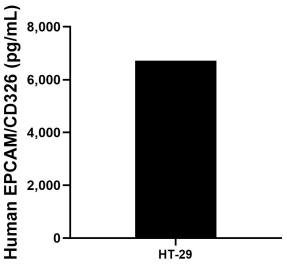
Selected Validation Data



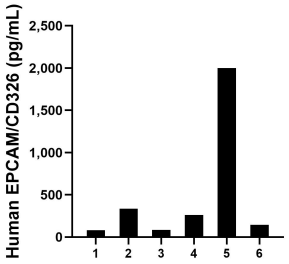
Sandwich ELISA standard curve of MP01009-4, Human EPCAM/CD326 Recombinant Matched Antibody Pair - PBS only. 84073-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1370. 84073-4-PBS was HRP conjugated as the detection antibody. Range: 19.5-625 pg/mL.



The mean EPCAM/CD326 concentration was determined to be 492922.2 pg/mL in HT-116 cell extract based on a 2.0 mg/mL extract load.



HT-29 were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human EPCAM/CD326, and measured 6718.5 pg/mL.



Serum of six individual healthy human donors was measured. The EPCAM/CD326 concentration of detected samples was determined to be 484.9 pg/mL with a range of 81.5-2002.2 pg/mL.