

For Research Use Only

ADAM17 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84292-3-PBS



Basic Information

Catalog Number:

84292-3-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32418

GenBank Accession Number:

BC136783

GeneID (NCBI):

6868

UNIPROT ID:

P78536

Full Name:

ADAM metalloproteinase domain 17

Calculated MW:

824 aa, 93 kDa

Purification Method:

Protein A purification

CloneNo.:

241305E9

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:

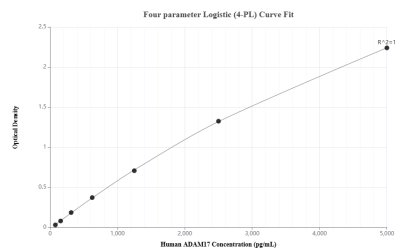
T: 4006900926

E: Proteintech-CN@ptglab.com

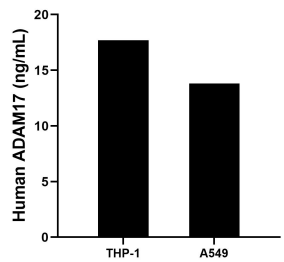
W: ptgcn.com

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

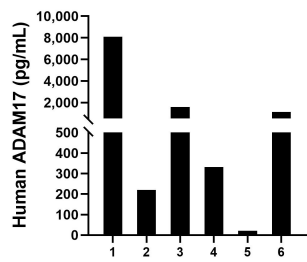
Selected Validation Data



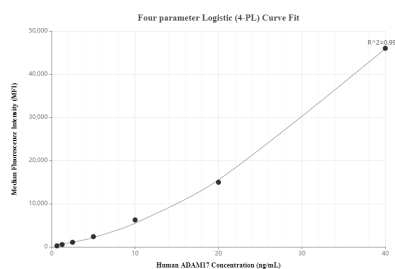
Sandwich ELISA standard curve of MP01169-3, Human ADAM17 Recombinant Matched Antibody Pair - PBS only. 84292-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag32418. 84292-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



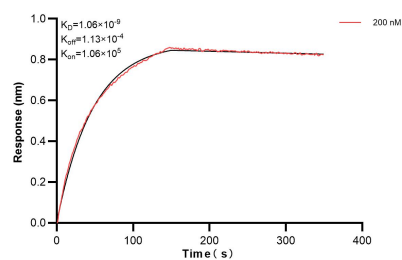
The mean ADAM17 concentration was determined to be 18.51 ng/mL in THP-1 cell extract based on a 4.4 mg/mL extract load and 13.76 ng/mL in A549 cell extract based on a 2.7 mg/mL extract load.



Serum of six individual healthy human donors was measured. The human ADAM17 concentration of detected samples was determined to be 1,898.9 pg/mL with a range of 21.5 - 8,096.2 ng/mL



Cytometric bead array standard curve of MP01169-2, ADAM17 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84292-3-PBS. Detection antibody: 84292-1-PBS. Standard: Ag32418. Range: 0.625-40 ng/mL



Bioluminescence resonance transfer (BLI) kinetic assay of 84292-3-PBS against Human ADAM17 was performed. The affinity constant is 1.06 nM.