

For Research Use Only

# AEg-1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84686-1-PBS



## Basic Information

Catalog Number:

84686-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4840

GenBank Accession Number:

BC045642

GeneID (NCBI):

92140

UNIPROT ID:

Q86UE4

Full Name:

metadherin

Calculated MW:

582 aa, 64 kDa

Purification Method:

Protein A purification

CloneNo.:

242110C11

## 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, pH7.3

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

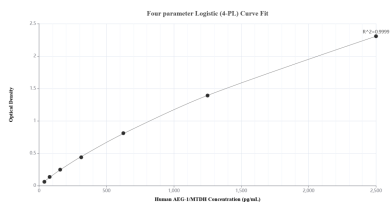
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

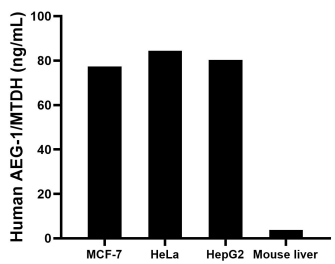
W: [ptgcn.com](http://ptgcn.com)

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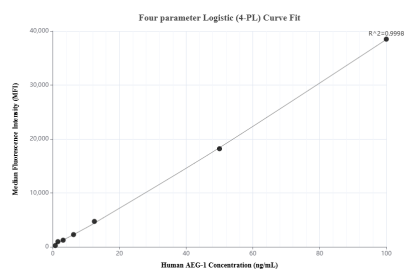
## Selected Validation Data



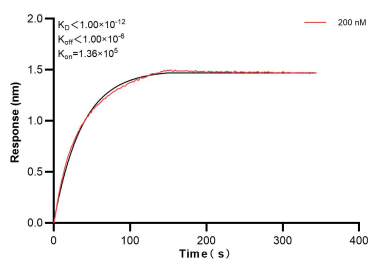
Sandwich ELISA standard curve of MP01497-1, Human AEG-1/MTDH Recombinant Matched Antibody Pair - PBS only. 84686-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4840. 84686-2-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



The mean AEG-1/MTDH concentration was determined to be 77.3 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load, 84.5 ng/mL in HeLa cell extract based on a 1.3 mg/mL extract load, 80.3 ng/mL in HepG2 cell extract based on a 3.3 mg/mL extract load and 3.8 ng/mL in mouse liver tissue extract based on a 3.7 mg/mL extract load.



Cytometric bead array standard curve of MP01497-1, AEG-1/MTDH Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84686-1-PBS. Detection antibody: 84686-2-PBS. Standard: Ag4840. Range: 0.781-100 ng/mL



Biolayer interferometry (BLI) kinetic assay of 84686-1-PBS against Human AEG-1 was performed. The affinity constant is below 1 pM.