

For Research Use Only

# Anti-Human ADAM17 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98674-2-PBS



## Basic Information

|                                     |                                                |                                                |
|-------------------------------------|------------------------------------------------|------------------------------------------------|
| Catalog Number:<br>98674-2-PBS      | GenBank Accession Number:<br>NM_003183.5       | Purification Method:<br>Protein A purification |
| Concentration:<br>1mg, 3 mg/ml      | GeneID (NCBI):<br>6868                         | CloneNo.:<br>251631A5                          |
| Source:<br>Rabbit                   | UNIPROT ID:<br>P78536-1                        |                                                |
| Isotype:<br>IgG                     | Full Name:<br>ADAM metalloproteinase domain 17 |                                                |
| Immunogen Catalog Number:<br>EG4732 | Calculated MW:<br>93 kDa                       |                                                |

## Applications

Tested Applications:  
FC

Species Specificity:  
human

## Background Information

The ADAMs (A Disintegrin And Metalloprotease) are multidomain transmembrane proteins. One of the first ADAMs implicated in membrane shedding is ADAM-17, which is shown to release the active form of tumor necrosis factor (TNF)- $\alpha$  from its precursor (PMID:18238782). ADAM17 mediates the release of pro-inflammatory cytokines and modulates cell signaling pathways involved in tumor progression and metastasis (PMID:17438092).

## 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:

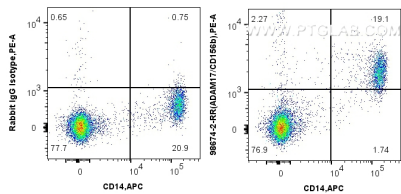
T: 4006900926

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

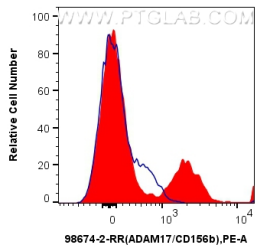
W: [ptgcn.com](http://ptgcn.com)

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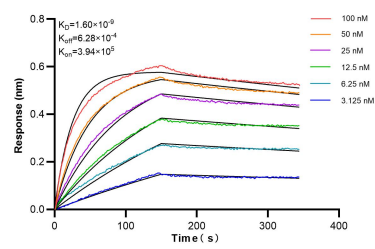
# Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human ADAM17 Rabbit RecAb (98674-2-RR, Clone:251631A5), or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98674-2-PBS in a different storage buffer



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human ADAM17 Rabbit RecAb (98674-2-RR, Clone:251631A5) (red) and PE-Conjugated Goat Anti-Rabbit IgG(H+L), or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98674-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98674-2-RR against Human ADAM17 were performed. The affinity constant is 1.60 nM.