

# ADAM17 Monoclonal antibody

Catalog Number: 68725-1-Ig

## Basic Information

**Catalog Number:**

68725-1-Ig

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG34022

**GenBank Accession Number:**

BC136783

**GeneID (NCBI):**

6868

**UNIPROT ID:**

P78536

**Full Name:**

ADAM metalloproteinase domain 17

**Calculated MW:**

824 aa, 93 kDa

**Observed MW:**

90-110 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

2F4C2

**Recommended Dilutions:**

WB 1:2000-1:10000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

Human, Mouse

**Positive Controls:**

WB : U2OS cells, NIH/3T3 cells, Calu-3 cells, A549 cells, HeLa cells

## 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)-α from its precursor (PMID:18238782). ADAM17 is also named as CSVP, TACE. The full length protein has 9 glycosylation sites, a signal peptide, propeptide and 2 isoforms produced by alternative splicing. The 120-kDa form of ADAM-17 is expressed more frequently and at higher levels in primary breast carcinomas compared with normal breast tissue (PMID:17438092).

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

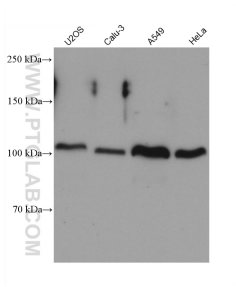
For technical support and original validation data for this product please contact:

T: 4006900926

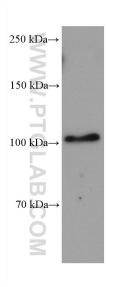
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68725-1-Ig (ADAM17 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 68725-1-Ig (ADAM17 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.