

For Research Use Only

# 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 metallopeptidase 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:

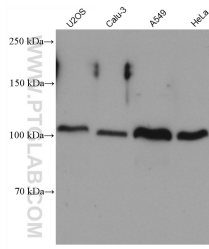
T: 4006900926

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

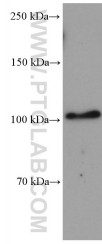
W: [ptgcn.com](http://ptgcn.com)

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## 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.