

For Research Use Only

ADAM17 Monoclonal antibody

Catalog Number: 68725-1-Ig



Basic Information

Catalog Number: 68725-1-Ig	GenBank Accession Number: BC136783	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6868	CloneNo.: 2F4C2
Source: Mouse	UNIPROT ID: P78536	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Full Name: ADAM metallopeptidase domain 17	
Immunogen Catalog Number: AG34022	Calculated MW: 824 aa, 93 kDa	
	Observed MW: 90-110 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : U2OS cells, NIH/3T3 cells, Calu-3 cells, A549 cells, HeLa cells
Species Specificity: Human, Mouse	

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

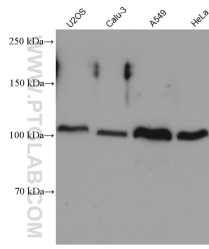
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

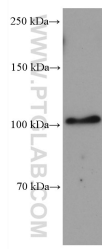
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



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.