

For Research Use Only

ADAM17 Polyclonal antibody

Catalog Number: 29948-1-AP **1 Publications**



Basic Information

Catalog Number: 29948-1-AP	GenBank Accession Number: BC136783	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 µg/ml by Nanodrop;	GeneID (NCBI): 6868	Recommended Dilutions: WB 1:2000-1:16000
Source: Rabbit	UNIPROT ID: P78536	
Isotype: IgG	Full Name: ADAM metallopeptidase domain 17	
Immunogen Catalog Number: AG32418	Calculated MW: 824 aa, 93 kDa	
	Observed MW: 90-110 kDa	

Applications

Tested Applications: WB, FC, ELISA	Positive Controls: WB : HUVEC cells,
Cited Applications: WB	
Species Specificity: Human, Mouse	
Cited Species: 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).

Notable Publications

Author	Pubmed ID	Journal	Application
Linfeng Fan	38164152	Theranostics	WB

Storage

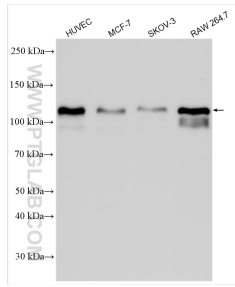
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

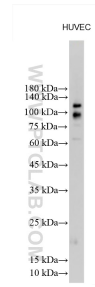
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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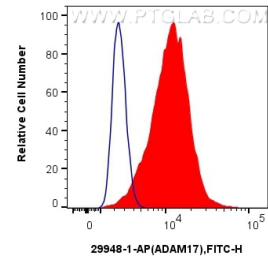
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29948-1-AP (ADAM17 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



HUVEC cells were subjected to SDS PAGE followed by western blot with 29948-1-AP (ADAM17 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



1X10⁶ HCT 116 cells were intracellularly stained with 0.4 ug Anti-Human ADAM17 (29948-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).