

For Research Use Only

ADAM17 Recombinant antibody

Catalog Number: 84292-4-RR



Basic Information

Catalog Number: 84292-4-RR	GenBank Accession Number: BC136783	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 6868	CloneNo.: 241305A2
Source: Rabbit	UNIPROT ID: P78536	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: ADAM metallopeptidase domain 17	
Immunogen Catalog Number: AG32418	Calculated MW: 824 aa, 93 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells, HCT 116 cells, HUVEC cells, SW480 cells, HeLa cells, RAW 264.7 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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84292-4-RR (ADAM17 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.