

ADAM17 Rabbit mAb

Catalog No: #49419



Package Size: #49419-1 50ul #49419-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

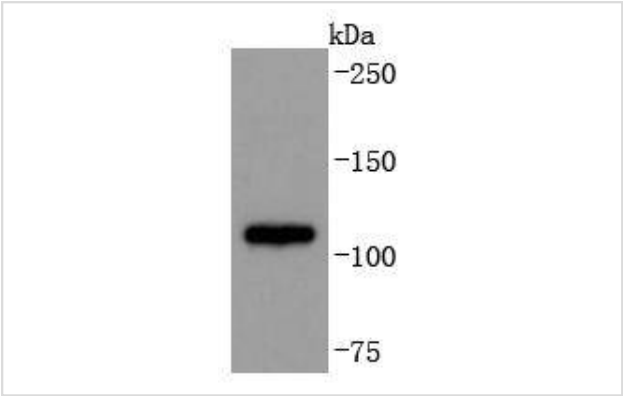
Description

Product Name	ADAM17 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JM10-35
Purification	ProA affinity purified
Applications	WB, ICC/IF, IP, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	A disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme) antibody A disintegrin and metalloproteinase domain 17 antibody ADA17_HUMAN antibody ADAM 17 antibody ADAM metallopeptidase domain 17 antibody ADAM17 antibody ADAM17 protein antibody CD 156b antibody CD156b antibody CD156b antigen antibody CSVP antibody Disintegrin and metalloproteinase domain-containing protein 17 antibody MGC71942 antibody NISBD antibody NISBD1 antibody Snake venom like protease antibody Snake venom-like protease antibody TACE antibody TNF alpha convertase antibody TNF alpha converting enzyme antibody TNF-alpha convertase antibody TNF-alpha-converting enzyme antibody Tumor Necrosis Factor Alpha Converting Enzyme antibody
Accession No.	Swiss-Prot#:P78536
Uniprot	P78536
GeneID	6868;
Calculated MW	93 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

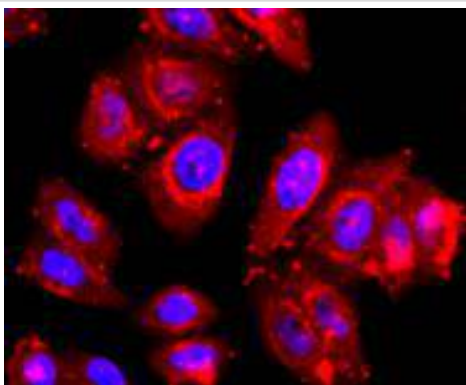
Application Details

WB: 1:1,000-1:2,000 ICC: 1:50-1:200 IP: 1:50FC: 1:50-1:100

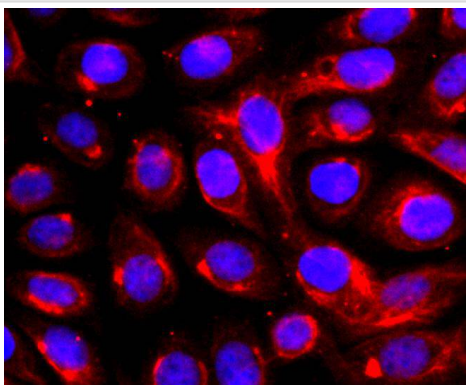
Images



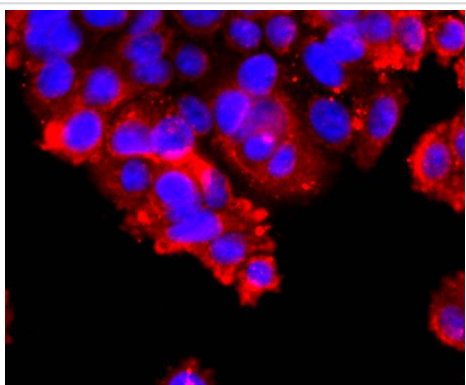
Western blot analysis of ADAM17 on Jurkat cells lysates using anti-ADAM17 antibody at 1/1,000 dilution.



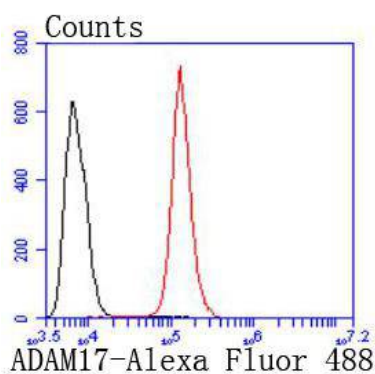
ICC staining ADAM17 in HepG2 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining ADAM17 in SKOV-3 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining ADAM17 in SW480 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of Hela cells with ADAM17 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

## Background

Tumor necrosis factor  $\beta$  (TNF $\beta$ ), also known as lymphotoxin, is a pleiotropic cytokine. TNF $\alpha$ , also known as cachectin, is a cytokine that binds to the same receptors, producing an array of effects similar to those of TNF $\beta$ . TNF $\beta$  and TNF $\alpha$  share 30% amino acid homology and have similar biological activities. TNF $\beta$  is produced by activated lymphocytes, including CD4 $^{+}$  T helper cell type 1 lymphocytes, CD8 $^{+}$  lymphocytes and certain B lymphoblastoid cell lines. TNF $\alpha$  is produced by several different cell types, including lymphocytes, neutrophils and macrophages. TNF $\beta$  and TNF $\alpha$  can modulate many immune and inflammatory functions while having the ability to inhibit tumor growth. TACE (for TNF $\alpha$  converting enzyme) is a metalloproteinase that cleaves the membrane-bound TNF $\alpha$  precursor to release soluble TNF $\alpha$ .

## References

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Note: This product is for in vitro research use only