

ADAM10 Rabbit mAb

Catalog No: #49473

Package Size: #49473-1 50ul #49473-2 100ul



SAB[®]
Signalway Antibody

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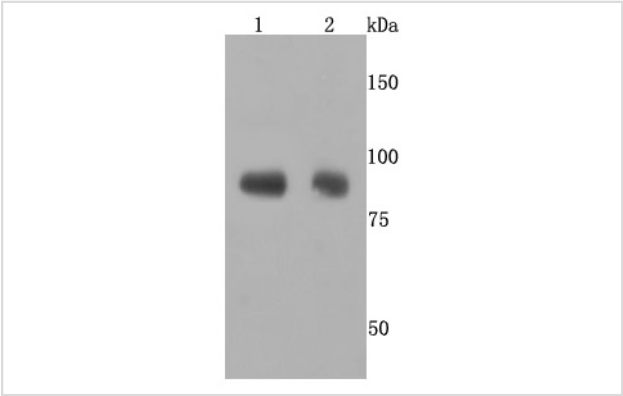
Description

Product Name	ADAM10 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JM32-11
Purification	ProA affinity purified
Applications	WB, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	A disintegrin and metalloprotease domain 10 antibody A disintegrin and metalloproteinase domain 10 antibody AD 10 antibody AD10 antibody AD18 antibody ADA10_HUMAN antibody ADAM 10 antibody ADAM metallopeptidase domain 10 antibody ADAM10 antibody CD 156c antibody CD156c antibody CD156c antigen antibody CDw156 antibody disintegrin and metalloproteinase domain containing protein 10 antibody Disintegrin and metalloproteinase domain-containing protein 10 antibody HsT 18717 antibody HsT18717 antibody Kuz antibody Kuzbanian antibody Kuzbanian protein homolog antibody Kuzbanian, Drosophila, homolog of antibody MADM antibody Mammalian disintegrin metalloprotease antibody Mammalian disintegrin-metalloprotease antibody RAK antibody
Accession No.	Swiss-Prot#:O14672
Calculated MW	84 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:2,000IP: 1:10-1:50

Images



Western blot analysis of ADAM10 on different cells lysates using anti-ADAM10 antibody at 1/500 dilution. Positive controls

Line 1: Jurkat
Line 2: Hela

Background

ADAM (a disintegrin and metalloprotease) proteins are a family of over 30 membrane-anchored, glycosylated, Zn²⁺ dependent proteases that are involved in cell-cell, cell-matrix interface related processes including fertilization, muscle fusion, secretion of TNF α (tumor necrosis factor α), and modulation of the neurogenic function of Notch and Delta. ADAM proteins possess a signal-domain, a pro-domain, a metalloprotease domain, a disintegrin domain (integrin ligand) a cysteine-rich region, an epidermal growth factor-like domain, a transmembrane domain and a cytoplasmic tail. ADAMs are expressed in brain, testis, epididymis, ovary, breast, placenta, liver, heart, lung, bone and muscle, and catalyze proteolysis, adhesion, fusion and intracellular signaling. ADAM10 is a TNF-processing enzyme that cleaves pro-TNF, a membrane-bound precursor protein, at Ala 76-Val 77, which causes membrane shedding of soluble TNF.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.