

ADAM10 Conjugated Antibody

Catalog No: #C49473



Package Size: #C49473-AF350 100ul #C49473-AF405 100ul #C49473-AF488 100ul
 #C49473-AF555 100ul #C49473-AF594 100ul #C49473-AF647 100ul
 #C49473-AF680 100ul #C49473-AF750 100ul #C49473-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	ADAM10 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
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
Uniprot	O14672
GeneID	102;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	84 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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.

Note: This product is for in vitro research use only