

ADAM10

Mouse Anti-Human ADAM10 / CD156c (Clone 11G2) mAb, Azide Free

Catalog No.	CDM442A CDM442B	Quantity:	200 µg 500 µg
Alternate Names:	Disintegrin and metalloproteinase domain-containing protein 10, CDw156, CD156c, Kuzbanian protein homolog		
Description:	The monoclonal antibody recognizes human ADAM10, a metallopeptidase. Members of the ADAM family are cell surface proteins with a unique structure possessing both potential adhesion and protease domains. ADAM10 cleaves the membrane-bound precursor of TNF-alpha at '76-Ala-[Val-77' to its mature soluble form. Responsible for the proteolytic release of several other cell-surface proteins, including heparin-binding epidermal growth-like factor, ephrin-A2, CD44, CDH2 and for constitutive and regulated alpha-secretase cleavage of amyloid precursor protein (APP)		
UniProt ID:	O14672		
Gene ID:	102		
Specificity:	Recognizes the human ADAM10 protein, both the 70 kDa form and the 97 kDa precursor.		
Host:	Mouse		
Isotype:	IgG1		
Immunogen:	Jurkat cell line		
Clone:	11G2		
Concentration:	1.0 mg/ml		
Formulation:	Sterile-filtered PBS, treated to remove endotoxins. Carrier and preservative free.		
Applications:	Western Blot, Flow Cytometry, Immunoprecipitation		
Storage & Stability:	Stable for 1 year at 2-8°C. For longer storage, freeze in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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