

CD38

Mouse Anti-Human CD38 (Clone B-E60) mAb, Azide Free

Catalog No.	CDM522A CDM522B	Quantity:	200 µg 500 µg
Alternate Names:	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1, ADP-ribosyl cyclase 1, ADPRC 1, T10		
Description:	CD38 is a glycoprotein found on the surface of many immune cells (white blood cells), including CD4+, CD8+, B and natural killer cells. It shares several characteristics with ADP-ribosyl cyclase 2 CD157. CD38 is a multifunctional ectoenzyme that catalyzes the synthesis and hydrolysis of cyclic ADP-ribose (cADPR) from NAD ⁺ to ADP-ribose. It also functions in cell adhesion, signal transduction and calcium signaling. CD38 has been used as a prognostic marker in leukemia. It can also be used to identify plasma cells.		
UniProt ID:	P28907		
Gene ID:	952		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Specificity:	Recognizes native and recombinant human CD38		
Isotype:	Mouse IgG2a kappa		
Immunogen:	Human thymocytes and Jurkat cell line		
Clone:	B-E60		
Concentration:	1.0 mg/ml		
Formulation:	Sterile-filtered PBS, carrier and preservative free.		
Applications:	Flow cytometry		
Storage & Stability:	Stable at 2-8°C for 12 months. For longer storage, freeze aliquots at -20 to -80°C. Avoid repeated freeze-thaw cycles.		

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