

Mouse Monoclonal Antibody to CD38

Catalogue Number	sAP-1081
Target Molecule	Name: CD38 Aliases: T10; ADPRC 1 MW: 34.3kDa Entrez Gene ID: 952
Description	CD38 is a novel multifunctional ectoenzyme widely expressed in cells and tissues especially in leukocytes. CD38 also functions in cell adhesion, signal transduction and calcium signaling.
Immunogen	Purified recombinant fragment of human CD38 (AA: Extra(43-300)) expressed in E. Coli.
Recitative Species	Human;
Clone	MM5C5C3;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Biochem Biophys Res Commun. 2013 Dec 6;442(1-2):51-5.; 2. Mol Biol (Mosk). 2012 Sep-Oct;46(5):786-91.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**