

Mouse Monoclonal Antibody to PROM1

Catalogue Number	sAP-1178
Target Molecule	Name: PROM1 Aliases: RP41; AC133; CD133; MCDR2; STGD4; CORD12; PROML1; MSTP061 MW: 97.2kDa Entrez Gene ID: 8842
Description	This gene encodes a pentaspan transmembrane glycoprotein. The protein localizes to membrane protrusions and is often expressed on adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Mutations in this gene have been shown to result in retinitis pigmentosa and Stargardt disease. Expression of this gene is also associated with several types of cancer. This gene is expressed from at least five alternative promoters that are expressed in a tissue-dependent manner. Multiple transcript variants encoding different isoforms have been found for this gene.;
Immunogen	Purified recombinant fragment of human PROM1 (AA: 20-108) expressed in E. Coli.
Reactive Species	Human;
Clone	MM2F8C5;
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 H2O, 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: ; ICC: ; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Gastric Cancer. 2014 Jan;17(1):97-106. ; 2.Cancer Biomark. 2012;12(2):97-105.;

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**