

Mouse Monoclonal Antibody to P2RY1

Catalogue Number	sAP-1651
Target Molecule	Name: P2RY1 Aliases: P2Y1 MW: 42kDa Entrez Gene ID: 5028
Description	The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor functions as a receptor for extracellular ATP and ADP. In platelets binding to ADP leads to mobilization of intracellular calcium ions via activation of phospholipase C, a change in platelet shape, and probably to platelet aggregation.
Immunogen	Purified recombinant fragment of human P2RY1 (AA: extra mix) expressed in E. Coli.
Reactive Species	Human; Rat;
Clone	MM4G5D6
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; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Nature. 2015 Apr 16;520(7547):317-21.2.Biochem Pharmacol. 2011 Aug 15;82(4):418-25.

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 ender users! This product is sold for **Research Use Only**