

Mouse Monoclonal Antibody to P2RY14

Catalogue Number	sAP-1664
Target Molecule	<p>Name: P2RY14</p> <p>Aliases: P2Y14; BPR105; GPR105</p> <p>MW: 39kDa</p> <p>Entrez Gene ID: 9934</p>
Description	<p>The product of this gene belongs to the family of G-protein coupled receptors, which contains several receptor subtypes with different pharmacological selectivity for various adenosine and uridine nucleotides. This receptor is a P2Y purinergic receptor for UDP-glucose and other UDP-sugars coupled to G-proteins. It has been implicated in extending the known immune system functions of P2Y receptors by participating in the regulation of the stem cell compartment, and it may also play a role in neuroimmune function. Two transcript variants encoding the same protein have been identified for this gene.</p>
Immunogen	Purified recombinant fragment of human P2RY14 (AA: extra mix) expressed in E. Coli.
Reactive Species	Human;
Clone	MM5A3F1
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: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Mol Pharmacol. 2013 Jul;84(1):41-9.2.Bioorg Med Chem Lett. 2007 Feb 1;17(3):761-6.

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**