

## Mouse Monoclonal Antibody to P2RY12

<b>Catalogue Number</b>	sAP-1681
<b>Target Molecule</b>	<p><b>Name:</b> P2RY12</p> <p><b>Aliases:</b> HORK3; P2Y12; ADPG-R; BDPLT8; SP1999; P2T(AC); P2Y(AC); P2Y(12)R; P2Y(ADP); P2Y(cyc)</p> <p><b>MW:</b> 39.4kDa</p>
<b>Description</b>	<p>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 is involved in platelet aggregation, and is a potential target for the treatment of thromboembolisms and other clotting disorders. Mutations in this gene are implicated in bleeding disorder, platelet type 8 (BDPLT8). Alternative splicing results in multiple transcript variants of this gene.</p>
<b>Immunogen</b>	Purified recombinant fragment of human P2RY12 (AA: extra mix) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM1C2A9
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.BMC Cancer. 2015 Sep 9;15:627. 2.Blood. 2015 Feb 5;125(6):1006-13.

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**