

Mouse Monoclonal Antibody to P2RX7

Catalogue Number	sAP-1459
Target Molecule	<p>Name: P2RX7</p> <p>Aliases: Canine Parvovirus VP2</p> <p>MW: 64.6kDa</p> <p>Entrez Gene ID: EF011664.1</p>
Description	The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel and is responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules. Activation of this nuclear receptor by ATP in the cytoplasm may be a mechanism by which cellular activity can be coupled to changes in gene expression. Multiple alternatively spliced variants have been identified, most of which fit nonsense-mediated decay (NMD) criteria.;
Immunogen	Purified recombinant fragment of human P2RX7 (AA: 226-452) expressed in E. Coli.
Reactive Species	Human;
Clone	MM7G1D6;
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; ICC: ; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Cancer Sci. 2015 Sep;106(9):1224-31. ; 2.J Hypertens. 2013 Dec;31(12):2362-9. ;

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**