

## Mouse Monoclonal Antibody to PPP1R1B

Catalogue Number	sAP-0871
Target Molecule	<b>Name:</b> PPP1R1B <b>Aliases:</b> DARPP32; DARPP-32 <b>MW:</b> 23kDa <b>Entrez Gene ID:</b> 84152
Description	This gene encodes a bifunctional signal transduction molecule. Dopaminergic and glutamatergic receptor stimulation regulates its phosphorylation and function as a kinase or phosphatase inhibitor. As a target for dopamine, this gene may serve as a therapeutic target for neurologic and psychiatric disorders. Multiple transcript variants encoding different isoforms have been found for this gene. ;
Immunogen	Purified recombinant fragment of human PPP1R1B (AA: 95-204) expressed in E. Coli.
Reactive Species	Human;
Clone	MM2A4G9;
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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Med Mol Morphol. 2011 Dec;44(4):190-9. ; 2. Breast Cancer Res Treat. 2010 Feb;120(1):47-57. ;

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**