

Mouse Monoclonal Antibody to PPP1CB

Catalogue Number	sAP-1029
Target Molecule	<p>Name: PPP1CB</p> <p>Aliases: PP1B; PP-1B; PPP1CD; PP1beta</p> <p>MW: 37.2kDa</p> <p>Entrez Gene ID: 5500</p>
Description	<p>The protein encoded by this gene is one of the three catalytic subunits of protein phosphatase 1 (PP1). PP1 is a serine/threonine specific protein phosphatase known to be involved in the regulation of a variety of cellular processes, such as cell division, glycogen metabolism, muscle contractility, protein synthesis, and HIV-1 viral transcription. Mouse studies suggest that PP1 functions as a suppressor of learning and memory. Two alternatively spliced transcript variants encoding distinct isoforms have been observed</p>
Immunogen	Purified recombinant fragment of human PPP1CB (AA: 174-327) expressed in E. Coli.
Reactive Species	Human;
Clone	MM8A7C7;
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: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Biol Chem. 2011 Sep 23;286(38):32931-6.; 2. Mol Biol Cell. 2010 Dec;21(24):4409-17.

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**