

## Mouse Monoclonal Antibody to GFPT1

Catalogue Number	sAP-1291
Target Molecule	<b>Name: GFPT1</b> <b>Aliases:</b> GFA; GFAT; GFPT; MSLG; CMS12; GFAT1; CMSTA1; GFAT 1; GFAT1m; GFPT1L <b>MW: 78.8kDa</b> <b>Entrez Gene ID: 2673</b>
Description	This gene encodes the first and rate-limiting enzyme of the hexosamine pathway and controls the flux of glucose into the hexosamine pathway. The product of this gene catalyzes the formation of glucosamine 6-phosphate. ;
Immunogen	Purified recombinant fragment of human GFPT1 (AA: 536-681) expressed in E. Coli.
Recitative Species	Human; Monkey; Rat;
Clone	MM1F1B9;
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 <sub>2</sub> 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: ; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Neurology. 2013 Jul 23;81(4):370-8. ; 2.Hum Mol Genet. 2013 Jul 15;22(14):2905-13.;

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**