

Mouse Monoclonal Antibody to GFPT1

Catalogue Number sAP-1290

Target Molecule **Name:** GFPT1

Aliases: GFA; GFAT; GFPT; MSLG; CMS12; GFAT1; CMSTA1; GFAT 1; GFAT1m; GFPT1L

MW: 78.8kDa

Entrez Gene ID: 2673

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.

Reactive Species Human; Monkey; Rat;

Clone MM1F1A4;

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; 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**