

Mouse Monoclonal Antibody to HPS1

Catalogue Number sAP-0150

Target Molecule **Name:** HPS1

Aliases: HPS; MGC5277; HPS1

MW: N/A

Entrez Gene ID: 3257

Description Hermansky-Pudlak syndrome 1. This protein may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. The encoded protein is a component of three different protein complexes termed biogenesis of lysosome-related organelles complex (BLOC)-3, BLOC4, and BLOC5. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 1. Multiple transcript variants encoding distinct isoforms have been identified for this gene; the full-length sequences of some of these have not been determined yet.

Immunogen Purified recombinant fragment of HPS1 expressed in E. Coli. ;

Reactive Species Human

Clone MM5G12G2;

Size and Concentration 100µg/1mg/ml

Supplied as Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% 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. Platelets. 2007 Mar;18(2):150-7. ; 2. Intern Med. 2005 Jun;44(6):616-21. ; 3. Proc Natl Acad Sci U S A. 2003 Jul 22;100(15):8770-5. Epub 2003 Jul 7. ;

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**