

Product datasheet for **AM06210SU-N**

HPS1 Mouse Monoclonal Antibody [Clone ID: 5G12G2]

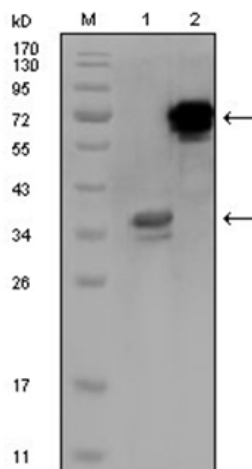
Product data:

Product Type:	Primary Antibodies
Clone Name:	5G12G2
Applications:	ELISA, WB
Recommended Dilution:	ELISA: 1/10000. Western Blotting: 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of HPS1 expressed in E. Coli.
Specificity:	Recognizes Hermansky-Pudlak syndrome 1 (HPS1).
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	HPS1, biogenesis of lysosomal organelles complex 3 subunit 1
Database Link:	Entrez Gene 3257 Human Q92902
Background:	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.
Synonyms:	Hermansky-Pudlak syndrome 1, HPS



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Product images:



Western blot analysis using HPS1 antibody against truncated HPS1 recombinant protein (Lane 1) and HPS1-hlgGfC transfected CHO-K1 cell lysate (Lane 2).