

HPS1 rabbit monoclonal antibody

Catalog # H00003257-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human HPS1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human HPS1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human HPS1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — HPS1

Entrez GeneID	3257
GeneBank Accession#	HPS1
Gene Name	HPS1
Gene Alias	HPS, MGC5277
Gene Description	Hermansky-Pudlak syndrome 1
Omim ID	203300 604982
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that 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. [provided by RefSeq]
Other Designations	Hermansky-Pudlak syndrome 1 protein Hermansky-Pudlak syndrome type 1 OTTHUMP00000020245 OTTHUMP00000020246

Disease

- [Albinism](#)
- [Alzheimer Disease](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hermanski-Pudlak Syndrome](#)

- [Malignant melanoma](#)
- [Melanoma](#)
- [Myocardial Infarction](#)
- [Skin Neoplasms](#)
- [Stroke](#)