HPS5 rabbit monoclonal antibody

Catalog #   H00011234-K   Size   100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human HPS5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human HPS5 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 HPS5 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 — HPS5

Entrez GeneID	11234
GeneBank Accession#	HPS5
Gene Name	HPS5
Gene Alias	AIBP63, KIAA1017
Gene Description	Hermansky-Pudlak syndrome 5
Omim ID	203300 607521
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. This protein interacts with Hermansky-Pudlak syndrome 6 protein and may interact with the cytoplasmic domain of integrin, alpha-3. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 5. Multiple transcript variants encoding two distinct isoforms have been identified for this gene. [provided by RefSeq
Other Designations	alpha integrin binding protein 63