

## HPS1 Monoclonal Antibody

### Description

Product type	Antibody
Code	BT-MCA3716
Host	Mouse
Isotype	Mouse IgG2a
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of HPS1 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	HPS;MGC5277;HPS1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### 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.

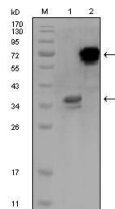
### Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

### Images



Western blot analysis using HPS1 mouse mAb against truncated HPS1 recombinant protein (1) and HPS1-hIgGfc transfected CHO-K1 cell lysate (2).

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term.