

# BLOC1S1 rabbit monoclonal antibody

Catalog # H00002647-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human BLOC1S1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human BLOC1S1 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human BLOC1S1 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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — BLOC1S1

**Entrez GeneID** [2647](#)

**GeneBank Accession#** [BLOC1S1](#)

**Gene Name** BLOC1S1

**Gene Alias** BLOS1, FLJ39337, FLJ97089, GCN5L1, MGC87455, MCoA, RT14

**Gene Description** biogenesis of lysosomal organelles complex-1, subunit 1

**Omim ID** [601444](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** BLOC1S1 is a component of the ubiquitously expressed BLOC1 multisubunit protein complex. BLOC1 is required for normal biogenesis of specialized organelles of the endosomal-lysosomal system, such as melanosomes and platelet dense granules (Starcevic and Dell'Angelica, 2004 [PubMed 15102850]).[supplied by OMIM]

**Other Designations** BLOC subunit 1|BLOC-1 subunit 1|GCN5 (general control of amino-acid synthesis, yeast, homolog)-like 1|GCN5 general control of amino-acid synthesis 5-like 1|MTA1-interacting coactivator|biogenesis of lysosome-related organelles complex-1, subunit 1