

## Anti-BLOC1S2 Antibody (9V323)

## Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9V323
Purification:	Protein A

## Applications

Application:	ELISA
Recommended	ELISA: 1:1000-1:2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human BLOC1S2 / BLOS2 protein (TMPY-02980)
Antigen Species:	Human
Synonyms:	CEAP11;biogenesis of lysosomal organelles complex-1, subunit 2;CEAP;BLOS2

## Research Background

BLOC1S2, also known as BLOS2, belongs to the BLOC1S2 family. It is a component of BLOC-1 complex. The BLOC-1 complex is composed of BLOC1S1, BLOC1S2, BLOC1S3, DTNBP1, MUTED, PLDN, CNO/cappuccino and SNAPIN. The BLOC-1 complex is required for normal biogenesis of lysosome-related organelles, such as platelet dense granules and melanosomes. BLOC1S2 interacts directly with BLOC1S1, BLOC1S3, MUTED, CNO/cappuccino and SNAPIN. It may play a role in cell proliferation. It also plays a role in intracellular vesicle trafficking. Functionally, BLOC1S2 gene has been proposed to participate in processes (melanosome organization, microtubule nucleation, platelet dense granule organization, positive regulation of cell proliferation, positive regulation of transcription, regulation of apoptosis, positive regulation of transcription from RNA polymerase II promoter).

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