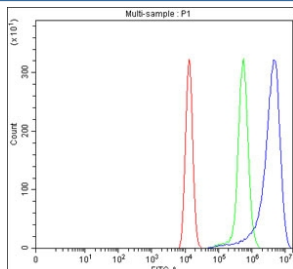


MYO1G Antibody / Myosin 1G (RQ8745)

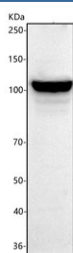
Catalog No.	Formulation	Size
RQ8745	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	B0I1T2
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
Limitations	This MYO1G antibody is available for research use only.



Flow cytometry testing of fixed human HEL cells with MYO1G antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= MYO1G antibody.



Western blot testing of human HEL cell lysate with MYO1G antibody. Predicted molecular weight ~116 kDa.

Description

Myosin 1G, also known as myosin 1G and MYO1G, is a protein that in humans is encoded by the MYO1G gene. MYO1G is a plasma membrane-associated class I myosin (see MIM 601478) that is abundant in T and B lymphocytes and mast cells.

Application Notes

Optimal dilution of the MYO1G antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids H252-Q966) was used as the immunogen for the MYO1G antibody.

Storage

After reconstitution, the MYO1G Antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.