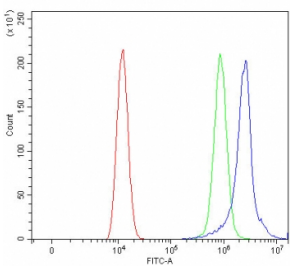
PL48 Antibody / FAM65B / RIPOR2 (RQ7770)

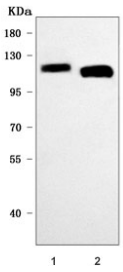
Catalog No.	Formulation	Size
RQ7770	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9Y4F9
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This PL48 antibody is available for research use only.



Flow cytometry testing of human HEL cells with PL48 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PL48 antibody.



Western blot testing of human 1) Daudi and 2) HEL cell lysate with PL48 antibody. Predicted molecular weight ~119 kDa.

Description

RHO family interacting cell polarization regulator 2, also known as FAM65B and PL48, is a protein that in humans is encoded by the RIPOR2 gene. This gene encodes an atypical inhibitor of the small G protein RhoA. Inhibition of RhoA activity by the encoded protein mediates myoblast fusion and polarization of T cells and neutrophils. The encoded protein is a component of hair cell stereocilia that is essential for hearing. A splice site mutation in this gene results in hearing loss in human patients.

Application Notes

Optimal dilution of the PL48 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids L362-D1020) was used as the immunogen for the PL48 antibody.

Storage

After reconstitution, the PL48 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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