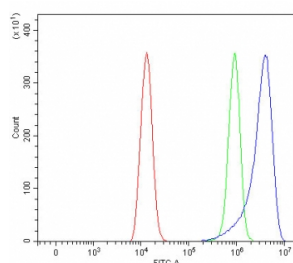


PIK3R6 Antibody / Phosphoinositide 3-kinase regulatory subunit 6 (RQ7912)

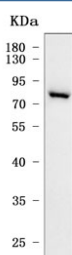
Catalog No.	Formulation	Size
RQ7912	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q5UE93
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This PIK3R6 antibody is available for research use only.



Flow cytometry testing of human HEL cells with PIK3R6 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PIK3R6 antibody.



Western blot testing of human HEL cell lysate with PIK3R6 antibody. Predicted molecular weight ~84 kDa.

Description

Phosphoinositide 3-kinase gamma is a lipid kinase that produces the lipid second messenger phosphatidylinositol 3,4,5-trisphosphate. The kinase is composed of a catalytic subunit and one of several regulatory subunits, and is chiefly activated by G protein-coupled receptors. This gene encodes a regulatory subunit, and is distantly related to the phosphoinositide-3-kinase, regulatory subunit 5 gene which is located adjacent to this gene on chromosome 7. The orthologous protein in the mouse binds to both the catalytic subunit and to G(beta/gamma), and mediates activation of the kinase subunit downstream of G protein-coupled receptors. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the PIK3R6 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-Q537) was used as the immunogen for the PIK3R6 antibody.

Storage

After reconstitution, the PIK3R6 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.