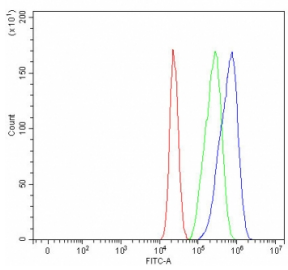
Twinfilin 1 Antibody / TWF1 / PTK9 (RQ8157)

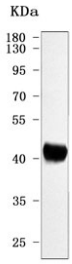
Catalog No.	Formulation	Size
RQ8157	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q12792
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Twinfilin 1 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human MCF7 cells with Twinfilin 1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Twinfilin 1 antibody.



Western blot testing of human HT-1080 cell lysate with Twinfilin 1 antibody. Predicted molecular weight ~40 kDa.

Description

Twinfilin-1, also called Protein tyrosine kinase 9 (PTK9), is a protein that in humans is encoded by the TWF1 gene. This gene encodes twinfilin, an actin monomer-binding protein conserved from yeast to mammals. Studies of the mouse counterpart suggest that this protein may be an actin monomer-binding protein, and its localization to cortical G-actin-rich structures may be regulated by the small GTPase RAC1.

Application Notes

Optimal dilution of the Twinfilin 1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids H116-D350) was used as the immunogen for the Twinfilin 1 antibody.

Storage

After reconstitution, the Twinfilin 1 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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