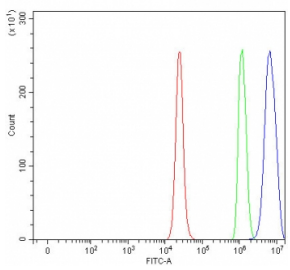
PSD3 Antibody / PH and SEC7 domain-containing protein 3 (RQ8200)

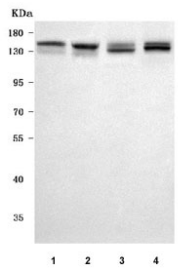
Catalog No.	Formulation	Size
RQ8200	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
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	Q9NYI0
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This PSD3 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human RT4 cells with PSD3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PSD3 antibody.



Western blot testing of 1) human RT4, 2) human SH-SY5Y, 3) rat brain and 4) mouse brain tissue lysate with PSD3 antibody. Predicted molecular weight ~116 kDa (multiple isoforms).

Description

PH and SEC7 domain-containing protein 3 is a protein that in humans is encoded by the PSD3 gene. Predicted to enable guanyl-nucleotide exchange factor activity and phospholipid binding activity. Predicted to be involved in regulation of ARF protein signal transduction and regulation of catalytic activity. Predicted to be located in membrane. Predicted to be active in ruffle membrane.

Application Notes

Optimal dilution of the PSD3 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids N15-E475) was used as the immunogen for the PSD3 antibody.

Storage

After reconstitution, the PSD3 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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