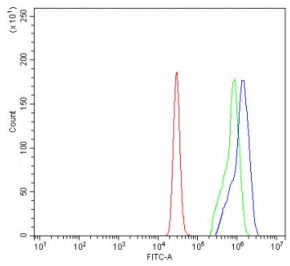
SIVA1 Antibody / CD27BP (RQ7655)

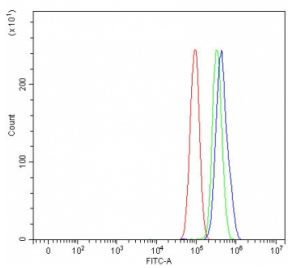
Catalog No.	Formulation	Size
RQ7655	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

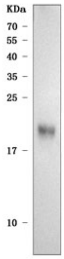
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O15304
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This SIVA1 antibody is available for research use only.



Flow cytometry testing of human U937 cells with SIVA1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SIVA1 antibody.



Flow cytometry testing of human PC-3 cells with SIVA1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SIVA1 antibody.



Western blot testing of human MOLT4 cell lysate with SIVA1 antibody. Predicted molecular weight ~19 kDa.

Description

Apoptosis regulatory protein Siva is a protein that in humans is encoded by the SIVA1 gene. This gene encodes an E3 ubiquitin ligase that regulates cell cycle progression, cell proliferation and apoptosis. The N-terminus of this protein binds to the cytoplasmic tail of the CD27 antigen, a member of the tumor necrosis factor receptor (TNFR) superfamily. In response to UV radiation-induced DNA damage, this protein has been shown to mediate the ubiquitination of proliferating cell nuclear antigen (PCNA), an important step in translesion DNA synthesis.

Application Notes

Optimal dilution of the SIVA1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-T141) was used as the immunogen for the SIVA1 antibody.

Storage

After reconstitution, the SIVA1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.