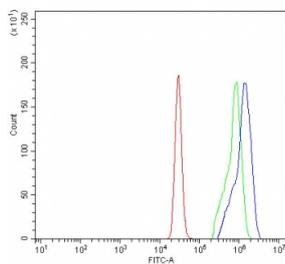


## SIVA1 Antibody / CD27BP (RQ7655)

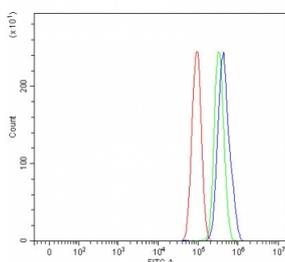
Catalog No.	Formulation	Size
RQ7655	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

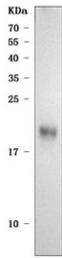
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	O15304
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.