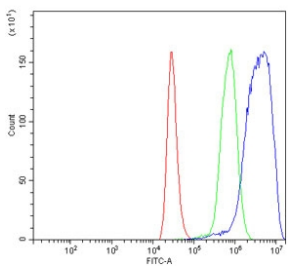
SNIP1 Antibody / Smad Nuclear-Interacting Protein 1 (RQ6683)

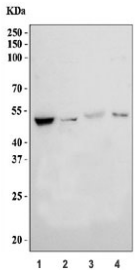
Catalog No.	Formulation	Size
RQ6683	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q8TAD8
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This SNIP1 antibody is available for research use only.



Flow cytometry testing of human ThP-1 cells with SNIP1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SNIP1 antibody.



Western blot testing of human 1) HEL, 2) HL60, 3) SH-SY5Y and 4) 293T cell lysate with SNIP1 antibody. Predicted molecular weight ~46 kDa.

Description

Smad nuclear-interacting protein 1 is a protein that in humans is encoded by the SNIP1 gene. This gene encodes a protein that contains a coiled-coil motif and C-terminal forkhead-associated (FHA) domain. The encoded protein functions as a transcriptional coactivator that increases c-Myc activity and inhibits transforming growth factor beta (TGF-beta) and nuclear factor kappa-B (NF-kB) signaling. The encoded protein also regulates the stability of cyclin D1 mRNA, and may play a role in cell proliferation and cancer progression. Mutations in this gene are a cause of psychomotor retardation, epilepsy, and craniofacial dysmorphism (PMRED).

Application Notes

Optimal dilution of the SNIP1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids H16-E372) was used as the immunogen for the SNIP1 antibody.

Storage

After reconstitution, the SNIP1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.