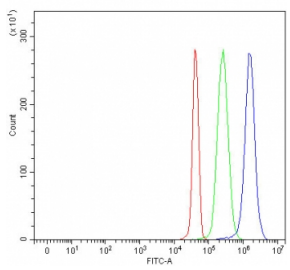
3BP2 Antibody / SH3 domain-binding protein 2 / SH3BP2 (RQ8165)

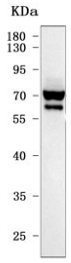
Catalog No.	Formulation	Size
RQ8165	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	P78314
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This 3BP2 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human JK cells with 3BP2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= 3BP2 antibody.



Western blot testing of human 293T cell lysate with 3BP2 antibody. Predicted molecular weight: 62-68 kDa (multiple isoforms).

Description

SH3BP2 (SH3 domain-binding protein 2) is a protein that comes from a gene located on Chromosome 4. The protein encoded by this gene has an N-terminal pleckstrin homology (PH) domain, an SH3-binding proline-rich region, and a C-terminal SH2 domain. The protein binds to the SH3 domains of several proteins including the ABL1 and SYK protein tyrosine kinases , and functions as a cytoplasmic adaptor protein to positively regulate transcriptional activity in T, natural killer (NK), and basophilic cells. Mutations in this gene result in cherubism. Multiple transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the 3BP2 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids R256-R561) was used as the immunogen for the 3BP2 antibody.

Storage

After reconstitution, the 3BP2 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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