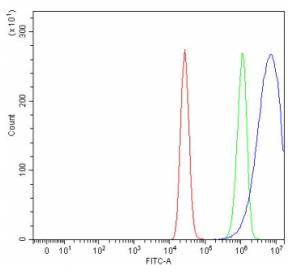
Ninein Antibody / NIN (RQ8214)

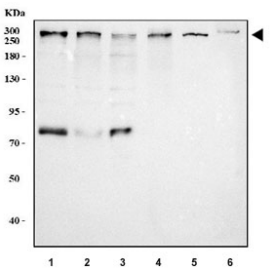
Catalog No.	Formulation	Size
RQ8214	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q8N4C6
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Ninein antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human MCF7 cells with Ninein antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Ninein antibody.



Western blot testing of 1) human HeLa, 2) human MOLT4, 3) human MCF7, 4) human U-2 OS, 5) rat heart and 6) mouse heart tissue lysate with Ninein antibody. Predicted molecular weight ~243 (multiple isoforms).

Description

Ninein is a protein that in humans is encoded by the NIN gene. This gene encodes one of the proteins important for centrosomal function. This protein is important for positioning and anchoring the microtubules minus-ends in epithelial cells. Localization of this protein to the centrosome requires three leucine zippers in the central coiled-coil domain. Multiple alternatively spliced transcript variants that encode different isoforms have been reported.

Application Notes

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

Immunogen

E. coli-derived recombinant human protein (amino acids Q1023-H2090) was used as the immunogen for the Ninein antibody.

Storage

After reconstitution, the Ninein 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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