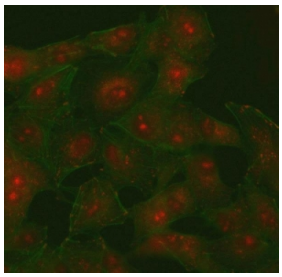
# PI4K2B Antibody / Phosphatidylinositol 4-kinase type 2-beta (RQ8777)

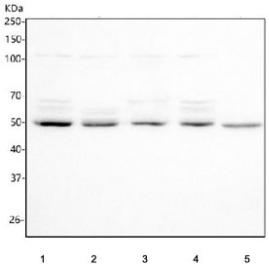
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ8777 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

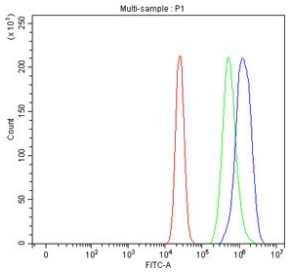
| | |
|---|---|
| **Availability** | 1-3 days |
| **Species Reactivity** | Human, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity chromatography |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | Q8TCG2 |
| **Applications** | Western Blot : 1-2ug/ml<br>Immunofluorescence : 5ug/ml<br>Flow Cytometry : 1-3ug/million cells<br>ELISA : 0.1-0.5ug/ml |
| **Limitations** | This PI4K2B antibody is available for research use only. |



Immunofluorescent staining of FFPE human A549 cells with PI4K2B antibody (red) and Phalloidin-iFluor 488 conjugate (green). HIER: steam section in pH6 citrate buffer for 20 min.




Western blot testing of 1) human HepG2, 2) human 293T, 3) human HeLa, 4) human MCF7 and 5) rat liver tissue lysate with PI4K2B antibody. Predicted molecular weight ~55 kDa.




Flow cytometry testing of fixed and permeabilized human MCF7 cells with PI4K2B antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PI4K2B antibody.

## Description

Phosphatidylinositol 4-kinase type 2-beta is an enzyme that in humans is encoded by the PI4K2B gene. This gene encodes a member of the type II PI4 kinase protein family. The encoded protein is primarily cytosolic and contributes to overall PI4-kinase activity along with other protein family members. This protein is involved in early T cell activation.

## Application Notes

Optimal dilution of the PI4K2B antibody should be determined by the researcher.

## Immunogen

An E.coli-derived human recombinant protein (amino acids M1-K475) was used as the immunogen for the PI4K2B antibody.

## Storage

After reconstitution, the PI4K2B Antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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