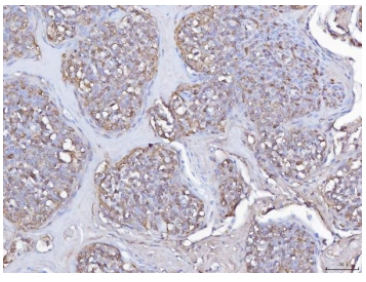
PLEK Antibody / Pleckstrin (RQ7023)

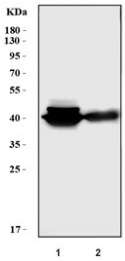
Catalog No.	Formulation	Size
RQ7023	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

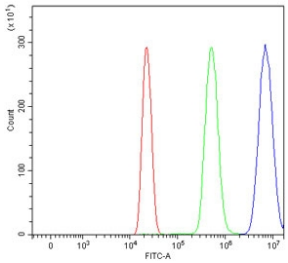
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P08567
Localization	Cytoplasmic, extracellular
Applications	Western Blot : 0.5-1 ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This PLEK antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with PLEK antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) HEL and 2) U-937 cell lysate with PLEK antibody. Predicted molecular weight: ~40 kDa.



Flow cytometry testing of human HL60 cells with PLEK antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PLEK antibody.

Description

Enables phosphatidylinositol-3,4-bisphosphate binding activity; protein homodimerization activity; and protein kinase C binding activity. Involved in several processes, including G protein-coupled receptor signaling pathway; actin cytoskeleton organization; and positive regulation of supramolecular fiber organization. Located in cytoplasm and ruffle membrane.

Application Notes

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

Immunogen

Recombinant human protein (amino acids M47-K308) was used as the immunogen for the PLEK antibody.

Storage

After reconstitution, the PLEK 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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