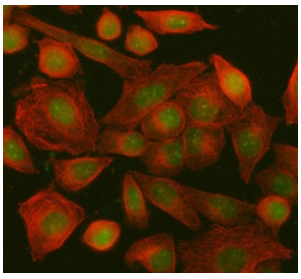
ING5 Antibody / Inhibitor of growth protein 5 (RQ8583)

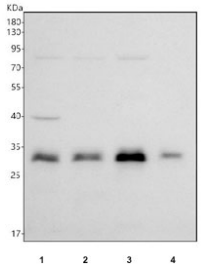
Catalog No.	Formulation	Size
RQ8583	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

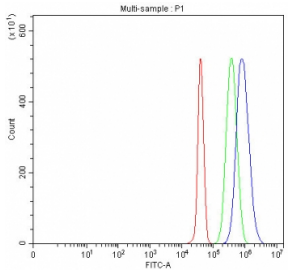
Availability	1-3 days
Species Reactivity	Human, Monkey
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8WYH8
Localization	Nuclear
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells ELISA: 0.1-0.5ug/ml
Limitations	This ING5 antibody is available for research use only.



Immunofluorescent staining of FFPE human SiHa cells with ING5 antibody (green) and Beta Tubulin mAb (red). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human Jurkat, 2) human PC-3, 3) human 293T and 4) monkey COS-7 cell lysate with ING5 antibody. Predicted molecular weight ~28 kDa.



Flow cytometry testing of fixed and permeabilized human JK cells with ING5 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ING5 antibody.

Description

Inhibitor of growth protein 5 is a protein that in humans is encoded by the ING5 gene. This gene encodes a tumor suppressor protein that inhibits cell growth and induces apoptosis. This protein contains a PHD-type zinc finger. It interacts with tumor suppressor p53 and p300, a component of the histone acetyl transferase complex, suggesting a role in transcriptional regulation. Alternative splicing and the use of multiple promoters and 3' terminal exons results in multiple transcript variants.

Application Notes

Optimal dilution of the ING5 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids K38-K82) was used as the immunogen for the ING5 antibody.

Storage

After reconstitution, the ING5 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
Copyright © NSJ Bioreagents. All rights reserved.