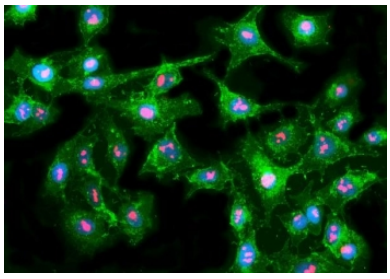
FBL Antibody / Fibrillarin (RQ6626)

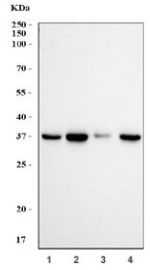
Catalog No.	Formulation	Size
RQ6626	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

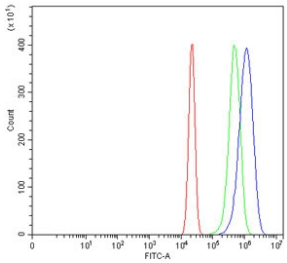
Availability	1-3 business days
Species Reactivity	Human, Monkey
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P22087
Localization	Nuclear
Applications	Western Blot : 1-2ug/ml Immunofluorescence (FFPE) : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This FBL antibody is available for research use only.



Immunofluorescent staining of FFPE human A549 cells with FBL antibody (Dylight 594-conjugated secondary, red) and Phalloidin-iFluor 488 conjugate (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) monkey COS-7, 2) human HEK293, 3) human A375 and 4) human HepG2 cell lysate with FBL antibody. Predicted molecular weight ~34 kDa.



Flow cytometry testing of human U-2 OS cells with FBL antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= FBL antibody.

Description

rRNA 2'-O-methyltransferase fibrillarin is an enzyme that in humans is encoded by the FBL gene. This gene product is a component of a nucleolar small nuclear ribonucleoprotein (snRNP) particle thought to participate in the first step in processing preribosomal RNA. It is associated with the U3, U8, and U13 small nuclear RNAs and is located in the dense fibrillar component (DFC) of the nucleolus. The encoded protein contains an N-terminal repetitive domain that is rich in glycine and arginine residues, like fibrillarins in other species. Its central region resembles an RNA-binding domain and contains an RNP consensus sequence. Antisera from approximately 8% of humans with the autoimmune disease scleroderma recognize fibrillarin.

Application Notes

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

Immunogen

Recombinant human protein (amino acids K77-N138) was used as the immunogen for the FBL antibody.

Storage

After reconstitution, the FBL 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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