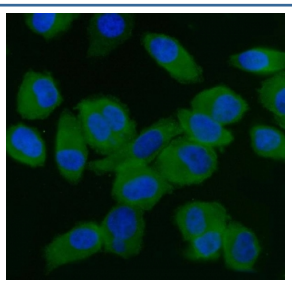
EIF5 Antibody [clone 2F13C4] (RQ6953)

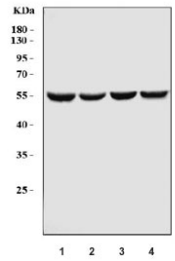
Catalog No.	Formulation	Size
RQ6953	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

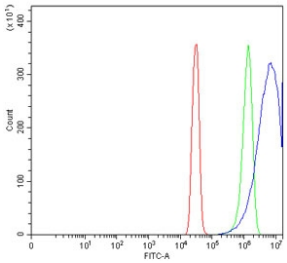
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	2F13C4
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P55010
Localization	Cytoplasmic
Applications	Western blot: 0.5-1 ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This EIF5 antibody is available for research use only.



Immunofluorescent staining of FFPE human PC-3 cells with EIF5 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) K562, 2) HepG2, 3) PC-3 and 4) RT4 cell lysate with EIF5 antibody. Predicted molecular weight ~49 kDa.



Flow cytometry testing of human SiHa cells with EIF5 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= EIF5 antibody.

Description

Eukaryotic translation initiation factor 5 is a protein that in humans is encoded by the EIF5 gene. Eukaryotic translation initiation factor-5 (EIF5) interacts with the 40S initiation complex to promote hydrolysis of bound GTP with concomitant joining of the 60S ribosomal subunit to the 40S initiation complex. The resulting functional 80S ribosomal initiation complex is then active in peptidyl transfer and chain elongations.

Application Notes

Optimal dilution of the EIF5 antibody should be determined by the researcher.

Immunogen

Recombinant human EIF5 protein (amino acids D11-D423) was used as the immunogen for the EIF5 antibody.

Storage

After reconstitution, the EIF5 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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