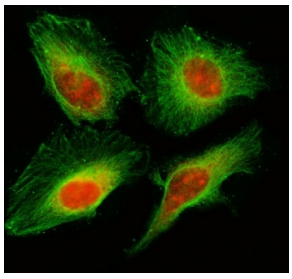
MIS18A Antibody / Protein Mis18-alpha / C21orf45 (RQ8414)

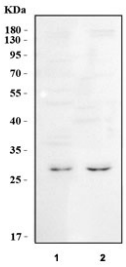
Catalog No.	Formulation	Size
RQ8414	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

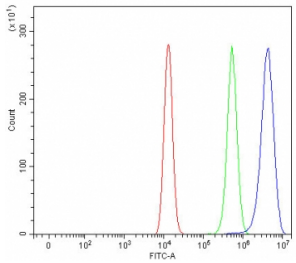
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9NYP9
Localization	Nuclear
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
Limitations	This MIS18A antibody is available for research use only.



Immunofluorescent staining of FFPE human HeLa cells with MIS18A antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) 293T and 2) HeLa cell lysate with MIS18A antibody. Predicted molecular weight ~26 kDa.



Flow cytometry testing of fixed and permeabilized human HEL cells with MIS18A antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= MIS18A antibody.

Description

Protein Mis18-alpha is a protein that in humans is encoded by the MIS18A gene. C21orf45, also named as MIS18A, C21orf46 and FASP1, is required for recruitment of CENPA to centromeres and normal chromosome segregation during mitosis. C21orf45 has dimer (~52 kDa) and heterodimer(~105 kDa) forms.

Application Notes

Optimal dilution of the MIS18A antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (M1-D233) was used as the immunogen for the MIS18A antibody.

Storage

After reconstitution, the MIS18A 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