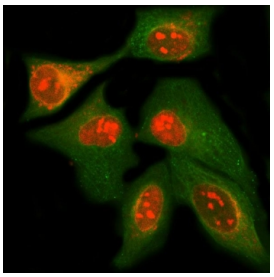
MPHOSPH10 Antibody / M phase phosphoprotein 10 (RQ8423)

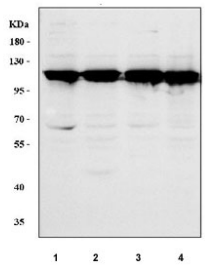
Catalog No.	Formulation	Size
RQ8423	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

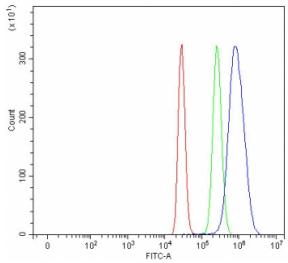
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O00566
Localization	Nuclear, nucleolar
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
Limitations	This MPHOSPH10 antibody is available for research use only.



Immunofluorescent staining of FFPE human HeLa cells with MPHOSPH10 antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HeLa, 2) HepG2, 3) K562 and 4) HEL cell lysate with MPHOSPH10 antibody. Predicted molecular weight ~79 kDa.



Flow cytometry testing of fixed and permeabilized human HepG2 cells with MPHOSPH10 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= MPHOSPH10 antibody.

Description

U3 small nucleolar ribonucleoprotein protein MPP10 is a protein that in humans is encoded by the MPHOSPH10 gene. This gene encodes a protein that is phosphorylated during mitosis. The protein localizes to the nucleolus during interphase and to the chromosomes during M phase. The protein associates with the U3 small nucleolar ribonucleoprotein 60-80S complexes and may be involved in pre-rRNA processing.

Application Notes

Optimal dilution of the MPHOSPH10 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (L15-A661) was used as the immunogen for the MPHOSPH10 antibody.

Storage

After reconstitution, the MPHOSPH10 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