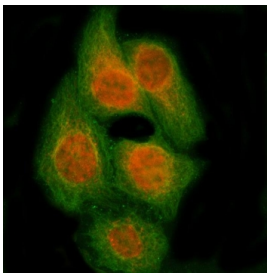
RBM14 Antibody / RNA-binding protein 14 (RQ7824)

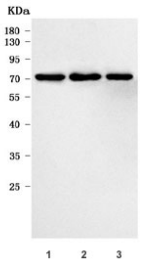
Catalog No.	Formulation	Size
RQ7824	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

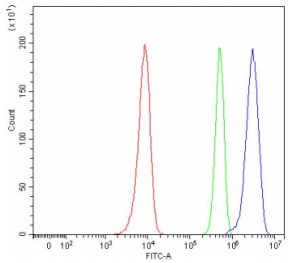
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q96PK6
Localization	Nuclear, cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This RBM14 antibody is available for research use only.



Immunofluorescent staining of FFPE human HeLa cells with RBM14 antibody (red) and Alpha Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HeLa, 2) 293T and 3) Daudi cell lysate with RBM14 antibody. Predicted molecular weight ~69 kDa.



Flow cytometry testing of human HeLa cells with RBM14 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RBM14 antibody.

Description

RNA-binding protein 14 is a protein that in humans is encoded by the RBM14 gene. This gene encodes a ribonucleoprotein that functions as a general nuclear coactivator, and an RNA splicing modulator. This protein contains two RNA recognition motifs (RRM) at the N-terminus, and multiple hexapeptide repeat domain at the C-terminus that interacts with thyroid hormone receptor-binding protein (TRBP), and is required for transcription activation. Alternatively spliced transcript variants encoding different isoforms (with opposing effects on transcription) have been described for this gene.

Application Notes

Optimal dilution of the RBM14 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-M669) was used as the immunogen for the RBM14 antibody.

Storage

After reconstitution, the RBM14 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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