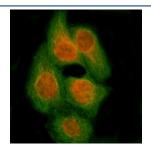


# RBM14 Antibody / RNA-binding protein 14 (RQ7824)

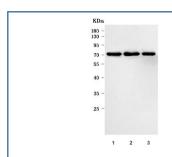
Catalog No.	Formulation	Size
RQ7824	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

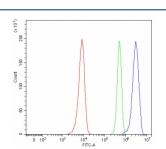
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q96PK6
Localization	Nuclear, cytoplasmic
Applications	Western Blot : 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.