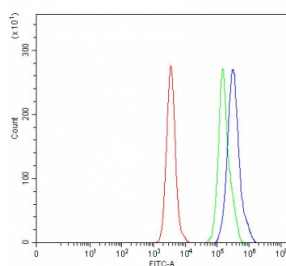


RNMT Antibody / mRNA cap methyltransferase (RQ7734)

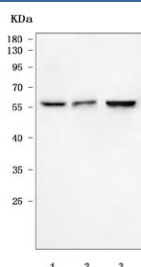
Catalog No.	Formulation	Size
RQ7734	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	O43148
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This RNMT antibody is available for research use only.



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



Western blot testing of human 1) HeLa, 2) U-2 OS and 3) MOLT4 cell lysate with RNMT antibody. Predicted molecular weight ~55 kDa.

Description

Enables RNA binding activity and mRNA (guanine-N7-)-methyltransferase activity. Involved in 7-methylguanosine mRNA capping. Located in fibrillar center and nucleoplasm. Part of mRNA cap binding activity complex; mRNA cap methyltransferase complex; and receptor complex.

Application Notes

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

Immunogen

E. coli-derived recombinant human protein (amino acids R197-E380) was used as the immunogen for the RNMT antibody.

Storage

After reconstitution, the RNMT antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.