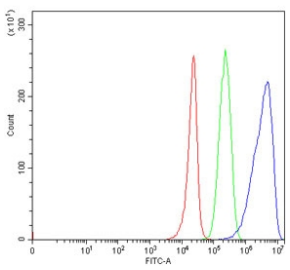
TRMT44 Antibody / METTL19 (RQ7557)

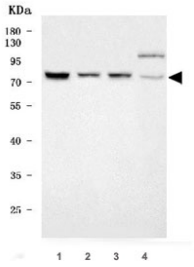
Catalog No.	Formulation	Size
RQ7557	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q8IYL2
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This TRMT44 antibody is available for research use only.



Flow cytometry testing of human 293T cells with TRMT44 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TRMT44 antibody.



Western blot testing of human 1) K562, 2) MOLT4, 3) U-251 and 4) HeLa cell lysate with TRMT44 antibody. Predicted molecular weight ~85 kDa.

Description

The protein 'Probable tRNA (uracil-O(2)-)-methyltransferase,' also called 'Methyltransferase-like protein 19,' encoded by the TRMT44 gene, is a putative tRNA methyltransferase found in the cytoplasm. Defects in this gene may be a cause of partial epilepsy with pericentral spikes (PEPS), but that has not been proven definitively.

Application Notes

Optimal dilution of the TRMT44 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-S757) was used as the immunogen for the TRMT44 antibody.

Storage

After reconstitution, the TRMT44 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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