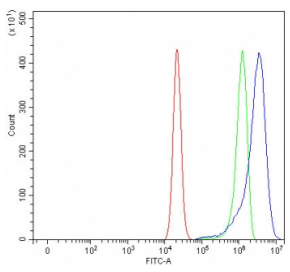
TMEM59 Antibody / Transmembrane protein 59 (RQ7784)

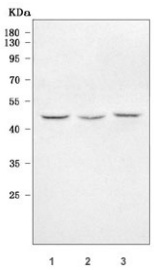
Catalog No.	Formulation	Size
RQ7784	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q9BXS4
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This TMEM59 antibody is available for research use only.



Flow cytometry testing of human RT4 cells with TMEM59 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TMEM59 antibody.



Western blot testing of human 1) MCF7, 2) SiHa and 3) U-87 MG cell lysate with TMEM59 antibody. Predicted molecular weight ~36 kDa but may be observed at higher molecular weights due to glycosylation.

Description

Transmembrane protein 59 is a protein that in humans is encoded by the TMEM59 gene. This gene encodes a protein shown to regulate autophagy in response to bacterial infection. This protein may also regulate the retention of amyloid precursor protein (APP) in the Golgi apparatus through its control of APP glycosylation. Overexpression of this protein has been found to promote apoptosis in a glioma cell line. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the TMEM59 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids A37-I323) was used as the immunogen for the TMEM59 antibody.

Storage

After reconstitution, the TMEM59 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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