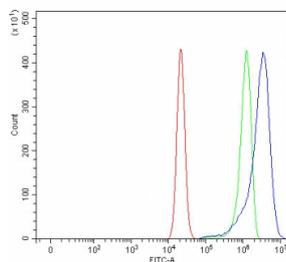


## TMEM59 Antibody / Transmembrane protein 59 (RQ7784)

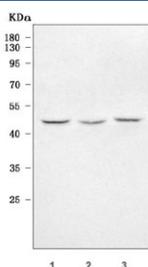
Catalog No.	Formulation	Size
RQ7784	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q9BXS4
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This TMEM59 antibody is available for research use only.



Flow cytometry testing of human RT4 cells with TMEM59 antibody at 1 ug/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.