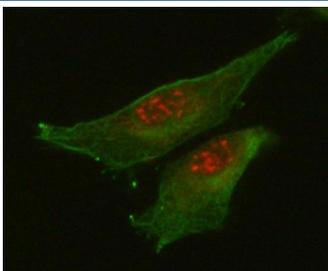


## RETREG1 Antibody / FAM134B / JK-1 (RQ7771)

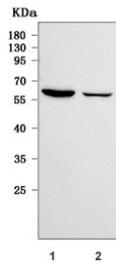
Catalog No.	Formulation	Size
RQ7771	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

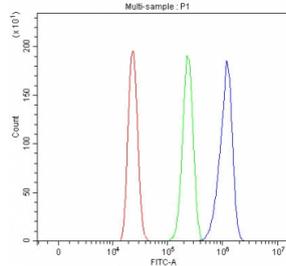
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q9H6L5
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This RETREG1 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-87 MG cells with RETREG1 antibody (red) and Alpha Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of huma 1) U-87 MG and 2) HeLa cell lysate with RETREG1 antibody. Predicted molecular weight ~55 kDa.



Flow cytometry testing of human HL60 cells with RETREG1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RETREG1 antibody.

## Description

The protein encoded by this gene is a cis-Golgi transmembrane protein that may be necessary for the long-term survival of nociceptive and autonomic ganglion neurons. Mutations in this gene are a cause of hereditary sensory and autonomic neuropathy type IIB (HSAN IIB), and this gene may also play a role in susceptibility to vascular dementia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

## Application Notes

Optimal dilution of the RETREG1 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids Q131-D446) was used as the immunogen for the RETREG1 antibody.

## Storage

After reconstitution, the RETREG1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.