

**ARG45293**  
**anti-FAM134B antibody**Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Polyclonal antibody recognizes FAM134B
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	FAM134B
Species	Human
Immunogen	Recombinant protein containing to human FAM134B.
Conjugation	Un-conjugated
Alternate Names	RETREG1; Reticulophagy Regulator 1; JK1; FAM134B; Family With Sequence Similarity 134 Member B; Reticulophagy Receptor 1; FLJ20152; Family With Sequence Similarity 134, Member B; Reticulophagy Receptor FAM134B; Protein FAM134B; JK-1

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	55 kDa	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

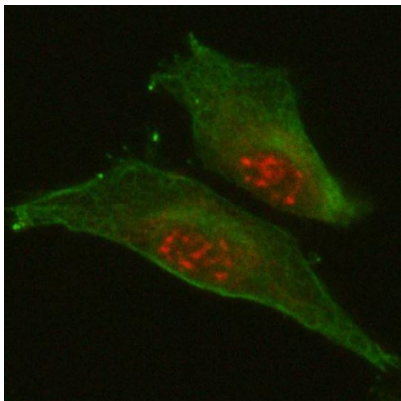
For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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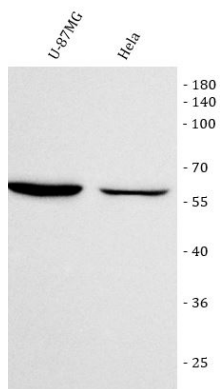
Gene Symbol	RETREG1
Gene Full Name	Reticulophagy Regulator 1
Background	he protein encoded by this gene is a cis-Golgi transmembrane protein that may be necessary for the long-term survival of nociceptive and autonomic ganglion neurons. Mutations in this gene are a cause of hereditary sensory and autonomic 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. [provided by RefSeq, Nov 2011]
Function	Endoplasmic reticulum (ER)-anchored autophagy regulator which mediates ER delivery into lysosomes through sequestration into autophagosomes. [UniProt]
Calculated Mw	55 kDa
PTM	Phosphoprotein. [UniProt]
Cellular Localization	Endoplasmic reticulum; Golgi apparatus; Membrane. [UniProt]

## Images



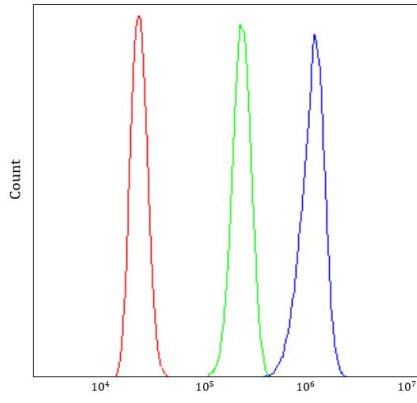
ARG45293 anti-FAM134B antibody ICC/IF image

Immunofluorescence: U87 stained with ARG45293 anti-FAM134B antibody at 5 ug/ml dilution.



ARG45293 anti-FAM134B antibody WB image

Western blot: U-87MG and HeLa stained with ARG45293 anti-FAM134B antibody at 0.5 µg/ml dilution.



ARG45293 anti-FAM134B antibody FACS image

Flow Cytometry: HL-60 stained with ARG45293 anti-FAM134B antibody at  $1 \mu\text{g}/10^6$  cells dilution.