

## Rtn-3 Monoclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-MCA1110
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of Rtn-3 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Reticulon-3
Synonyms	RTN3; ASYIP; NSPL2; Reticulon-3; Neuroendocrine-specific protein-like 2; NSP-like protein 2; Neuroendocrine-specific protein-like II; NSP-like protein II; NSPLII

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

This gene belongs to the reticulon family of highly conserved genes that are preferentially expressed in neuroendocrine tissues. This family of proteins interact with, and modulate the activity of beta-amyloid converting enzyme 1 (BACE1), and the production of amyloid-beta. An increase in the expression of any reticulon protein substantially reduces the production of amyloid-beta, suggesting that reticulon proteins are negative modulators of BACE1 in cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene, and pseudogenes of this gene are located on chromosomes 4 and 12.

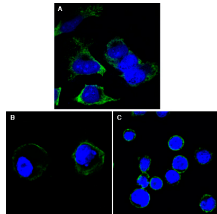
### Recommended Dilution

ELISA: 1:10000

IF: 1:200 - 1:1000

Not yet tested in other applications.

### Images



Confocal immunofluorescence analysis of HeLa (A), A431 (B) and THP-1 (C) cells using Rtn-3 Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye.

### Storage

-20°C for one year