

RTN3 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4013
Host	Mouse
Isotype	Mouse IgG2a
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of RTN3 expressed in E. Coli.
Mol wt	113kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC
Concentration	N/A
Full name	N/A
Synonyms	HAP;ASYIP;NSPL2;NSPLII;RTN3-A1

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

Background

RTN3, reticulon 3. The reticulons are a group of highly conserved genes with preferential expression in neuroendocrine tissues. RTN3 may be involved in membrane trafficking in the early secretory pathway. Inhibits BACE1 activity and amyloid precursor protein processing. May induce caspase-8 cascade and apoptosis. May favor BCL2 translocation to the mitochondria upon endoplasmic reticulum stress. In case of enteroviruses infection, RTN3 may be involved in the viral replication or pathogenesis. There are 5 isoforms.

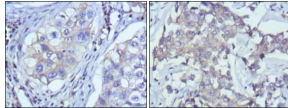
Recommended Dilution

IHC-p: 1:200 - 1:1000

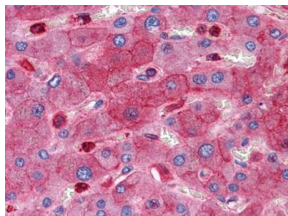
ELISA: 1:10000

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded human lung cancer (left) and breast cancer (right) using RTN3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human Liver tissues using RTN3 mouse mAb

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.