

Mouse Monoclonal Antibody to RTN3

Order Information

| | | |
|--------------------|-------|------|
| Catalog# | 20371 | |
| Size/Concentration | 100µl | 50µl |
| Price(¥) | 2180 | 1280 |

Description

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.

Specification

Aliases : HAP; ASYIP; NSPL2; NSPLI; RTN3-A1

Entrez GeneID : 10313

Swissprot : O95197

clone : 1E11

WB Predicted band size : 113kDa

Host/Isotype : Mouse IgG2a

Storage : Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species Reactivity : Human

Immunogen : Purified recombinant fragment of RTN3 expressed in E. Coli.

Formulation : Ascitic fluid containing 0.03% sodium azide.

Application

| | |
|-------|----------------|
| ICC | 1/200 - 1/1000 |
| ELISA | 1/10000 |

References

1. Biochem Biophys Res Commun. 2005 Sep 9;334(4):1198-205.
2. Brain Res Mol Brain Res. 2005 Aug 18;138(2):236-43.
3. FASEB J. 2003 Jul;17(10):1238-47.

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Protocol

WB - www.promab.com/protocol/wb.html
IHC - www.promab.com/protocol/ihc.html
ICC - www.promab.com/protocol/icc.html
HCM - www.promab.com/protocol/hcm.html

Antigen Sequence is available upon request.

Products and Services

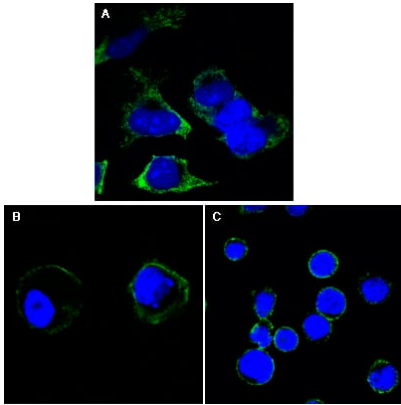
- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

For Research Only

Application Key:WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

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Confocal Immunofluorescence analysis of HeLa (A), A431 (B) and THP-1 (C) cells using RTN3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

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