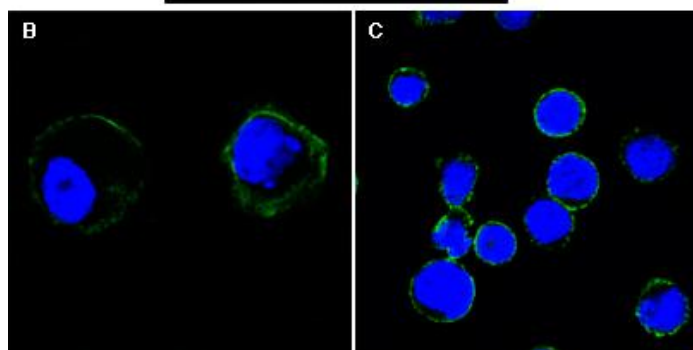
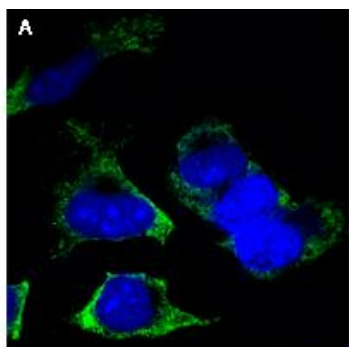




Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to RTN3

Catalog Number: MAB-606020371



Lot#:
Clone#: 1E11
Host and isotype: Mouse IgG2a
Size: 0.1ml
MW: 113kDa
Aliases: HAP; ASYIP; NSPL2;
NSPLII; RTN3-A1
Entrez Gene: 10313
Species reactivity: Human

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

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.

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

Application Immunofluorescence: 1/200 - 1/1000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4°C, for long term storage, store at -20°C.

Related product 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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