

Product datasheet for **AM06407SU-N**

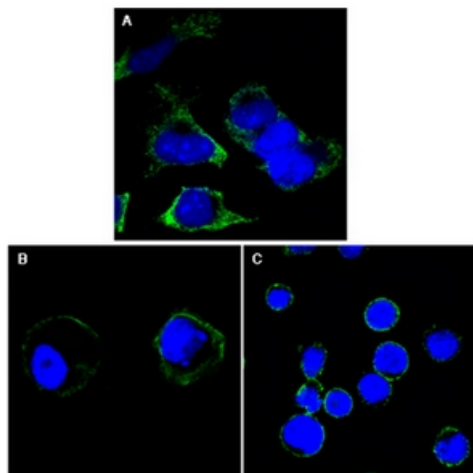
RTN3 Mouse Monoclonal Antibody [Clone ID: 1E11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1E11
Applications:	IF
Recommended Dilution:	ELISA: 1/10000. Immunofluorescence: 1/200 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of RTN3 expressed in E. Coli.
Specificity:	Recognizes Reticulon 3 (RTN3).
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	113 kDa
Gene Name:	reticulon 3
Database Link:	Entrez Gene 10313 Human O95197
Background:	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.
Synonyms:	ASYIP, NSPL2, NSPLII, NSP-like protein 2



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Product images:

Confocal immunofluorescence analysis of HeLa (A), A431 (B) and THP-1 (C) cells using RTN3 antibody Cat.-No AM06407SU-N (green). Blue: DRAQ5 fluorescent DNA dye.