

RTN3 Ab

[Images\(1\)](#)

Cat.#: BF0383	Concn.: ~1mg/ml	Mol.Wt.: 113kDa
Size:	Source: Mouse	Clonality: Monoclonal
Application:	ELISA 1:10000, IF/ICC 1:200-1:1000 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human	
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	Affinity-chromatography.	
Immunogen:	Purified recombinant fragment of human RTN3 expressed in E. Coli.	
Uniprot:	O95197	
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.	

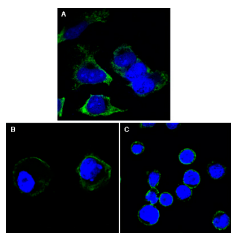


Figure 1: Confocal immunofluorescence analysis of Hela (A), A431 (B) and THP-1 (C) cells using RTN3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

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