RTN2 Monoclonal Antibody

Catalog No	BYmab-07319
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	RTN2 NSPL1
Protein Name	Reticulon-2 (Neuroendocrine-specific protein-like 1) (NSP-like protein 1) (Neuroendocrine-specific protein-like I) (NSP-like protein I) (NSPLI)
Immunogen	Synthesized peptide derived from human protein . at AA range: 391-440
Specificity	RTN2 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	59kD
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Sarcoplasmic reticulum membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein . Cell membrane, sarcolemma ; Multi-pass membrane protein . Cell membrane, sarcolemma, T-tubule ; Multi-pass membrane protein . Cytoplasm, myofibril, sarcomere, Z line . Cytoplasm, cytoskeleton . Localizes to intermediate filaments in mononucleated myoblasts and to Z lines in mature myotubes. .
Tissue Specificity	[Isoform RTN2-C]: Highly expressed in skeletal muscle.
Function	miscellaneous:The sequence shown here is derived from an EMBL/GenBank/DDBJ third party annotation (TPA) entry.,similarity:Contains 1 reticulon domain.,tissue specificity:Isoform RTN2-C is highly expressed in skeletal muscle.,
Background	This gene belongs to the family of reticulon encoding genes. Reticulons are necessary for proper generation of tubular endoplasmic reticulum and likely play a

	role in intracellular vesicular transport. Alternatively spliced transcript variants encoding different isoforms have been identified. Mutations at this locus have been associated with autosomal dominant spastic paraplegia-12. [provided by RefSeq, Apr 2012],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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