

Anti-RTN4RL1 Antibody (2W774)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 49 kDa. Actual: 49 kDa.
Clone:	2W774
Purification:	Protein A purified

Applications

Verified Activity:	Western blot analysis of K562 cell lysate. Using RTN4RL1 (TMAB-12415) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB,IHC-P,IHC-Fr,ICC/IF,IF
Recommended	WB: 1:1000-2000; IHC-P: 1:100-200; IHC-Fr: 1:100-200; ICC/IF: 1:50-200; IF: 1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human RTN4RL1
Antigen Species:	Human
Gene ID:	146760
Uniprot ID:	Q86UN2

Research Background

Cell surface receptor. Plays a functionally redundant role in postnatal brain development and in regulating axon regeneration in the adult central nervous system. Contributes to normal axon migration across the brain midline and normal formation of the corpus callosum. Protects motoneurons against apoptosis; protection against apoptosis is probably mediated by MAG. Plays a role in inhibiting neurite outgrowth and axon regeneration via its binding to neuronal chondroitin sulfate proteoglycans. Binds heparin (By similarity).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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