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PRODUCT DATASHEET

Anti-Neurexin-1-Beta (Staining) Antibody (BSA and Azide free)

NeuroMab

Product Details

Available Variants	100 µL (SKU:75-216-CF)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N170A/1
Gene Name	NRXN1
Host Species	Mouse
Concentration	Lot dependent: provided at 0.6-1.0 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	PBS
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and buffer exchanged into 1X PBS. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide amino acids 47-64 (ASSLGAHHIHHFHGSSKH, extracellular N-terminus) of human Neurexin-1-Beta (accession number Q63373)
Specificity	Does not cross-react with Neurexin-2-Beta
Molecular Weight	50 kDa
Quality Control	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.

Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.
UniProt ID	P58400 UniProt Summary: Neuronal cell surface protein involved in cell recognition and cell adhesion by forming intracellular junctions through binding to neuroligins. Plays a role in formation of synaptic junctions. Functions as part of a trans-synaptic complex by binding to cerebellins and postsynaptic GRID1. This interaction helps regulate the activity of NMDA and AMPA receptors at hippocampal synapses without affecting synapse formation. NRXN1B-CBLN2-GRID1 complex transduce presynaptic signals into postsynaptic NMDAR response.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	12 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	9378

Product Images



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