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PRODUCT DATASHEET

Anti-LRRTM2 Antibody FL490 Conjugate

NeuroMab KO Validated

Product Details

Available Variants	200 µL (SKU:75-364-FL490)
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone	N209C/35
Gene Name	LRRTM2 KIAA0416 LRRN2
Host Species	Mouse
Concentration	Lot dependent: provided at 0.3-0.5 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	PBS with 0.09% azide
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Applications	ICC, IHC
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide amino acids 475-489 (MSNMSDQGPYNEYEP, cytoplasmic C-terminus) of human LRRTM2 (accession number O43300)
Specificity	Does not cross-react with LRRTM1
Molecular Weight	80 kDa (and larger due to glycosylation)
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
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.
Antibody Registry ID	AB_2940220
UniProt ID	O43300 UniProt Summary: Involved in the development and maintenance of excitatory synapses in the vertebrate nervous system. Regulates surface expression of AMPA receptors and instructs the development of functional glutamate release sites. Acts as a ligand for the presynaptic receptors NRXN1-A and NRXN1-B.
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	26045

Product Images



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