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PRODUCT DATASHEET

Anti-Lgi1 Antibody FL594 Conjugate

NeuroMab KO Validated

Product Details

Available Variants	200 µL (SKU:75-307-FL594)
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG2a
Clone	N283/7
Gene Name	Lgi1
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	Fusion protein amino acids 37-113 (LRRNT domain and first LRR repeat) of mouse Lgi1 (accession number Q9JIA1) produced recombinantly in E. Coli
Specificity	Does not cross-react with Lgi2, Lgi3 or Lgi4 (based on KO validation results)
Molecular Weight	60 kDa
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_2940074
UniProt ID	Q9JIA1 UniProt Summary: Regulates voltage-gated potassium channels assembled from KCNA1, KCNA4 and KCNAB1. It slows down channel inactivation by precluding channel closure mediated by the KCNAB1 subunit. Ligand for ADAM22 that positively regulates synaptic transmission mediated by AMPA-type glutamate receptors. Plays a role in suppressing the production of MMP1/3 through the phosphatidylinositol 3-kinase/ERK pathway.
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	56839

Product Images



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