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PRODUCT DATASHEET

Anti-SUR1 Antibody FL594 Conjugate

NeuroMab KO Validated

Product Details

Available Variants	200 µL (SKU:75-267-FL594)
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG1
Clone	N289/16
Gene Name	Abcc8 Sur Sur1
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	Hamster, Mouse, Rat
Immunogen	Fusion protein amino acids 1548-1582 (LVMVLKRGAILEFDKPEKLLSQKDSVFASFVRADK, cytoplasmic C-terminus) of rat SUR1 (accession number Q09429) produced recombinantly in E. Coli
Specificity	Does not cross-react with SUR2B (based on KO validation results)
Molecular Weight	180 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_2939962
UniProt ID	Q09429 UniProt Summary: Regulator subunit of pancreatic ATP-sensitive potassium channel (KATP), playing a major role in the regulation of insulin release. In pancreatic cells, it forms KATP channels with KCNJ11; KCNJ11 forms the channel pore while ABCC8 is required for activation and regulation.
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	25559

Product Images



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