

Anti-Kv1.4 Potassium Channel (Extracellular) Antibody FL594 Conjugate



Product Details

Available Variants	200 µL (SKU:75-316-FL594)
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG1
Clone	L71/5
Gene Name	Kcna4
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
Species Reactivity	Mouse, Rat
Immunogen	Fusion protein amino acids 336-370 (DDRDLIMALSAGGHSRLNDSAPHLENSGHTIFN, extracellular S1-S2 linker) of rat Kv1.4 (accession number P15385) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	98 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 $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2940106
UniProt ID	<u>P15385</u>
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.

Product Images



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