

Anti-Kv2.1 K⁺ Channel (External) Antibody FL594 Conjugate



Product Details

Available Variants	200 µL (SKU:75-159-FL594)
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG2a
Clone	K39/25
Gene Name	KCNB1
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, Snail
Immunogen	Synthetic peptide amino acids 211-229 (LPELQSLDEFGQSTDNPQL, extracellular S1-S2 loop) of rat Kv2.1 (accession number NP_037318)
Specificity	No cross-reactivity reported
Molecular Weight	105-125 kDa (varies with cell background due to phosphorylation)
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 $\leq -20^{\circ}\text{C}$ 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_2939590
UniProt ID	<u>Q14721</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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Product Page URL: www.antibodiesinc.com/products/anti-kv2-1-k-channel-external-antibody-k39-25-75-159-fl594



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