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PRODUCT DATASHEET

Anti-TWIK-2 Antibody FL594 Conjugate

Product Details

Available Variants	200 µL (SKU:75-463-FL594)
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG1
Clone	N469/28
Gene Name	Kcnk6
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
Immunogen	Fusion protein amino acids 28-92 (first extracellular loop) of mouse TWIK-2 (accession number Q3TBV4) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	35 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 ≤ -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_2940546
UniProt ID	Q3TBV4 UniProt Summary: K(+) channel that conducts outward rectifying currents at the membranes of the endolysosomal system. Active in lysosomes where it regulates lysosome numbers and size. In macrophages, enables K(+) efflux coupled to ATP-induced NLRP3 inflammasome activation upon bacterial infection. Cooperates with ATP-gated P2RX7 to activate NLRP3 inflammasome, with P2RX7 conducting Ca(2+) and Na(+) influx that sets the membrane potential for K(+) efflux.
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	52150

Product Images



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