

Product Datasheet

Anti-THIK-2 Antibody FL550 Conjugate



Overview

Catalog #	75-462-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG1
Clone Number	N468/37
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Mouse and Rat
Immunogen	Fusion protein amino acids 313-408 (cytoplasmic C-terminus) of mouse THIK-2 (accession number Q76M80) produced recombinantly in E. Coli
Molecular Weight	47 kDa
Cite this Antibody	Antibodies Inc Cat# 75-462-FL550, RRID: AB_2940541

Details

Target Description	Potassium two pore domain channel subfamily K member 12 is encoded by the gene KCNK12. KCNK12 is a member of the two pore domain potassium channel (TC 1.A.1.8) family. KCNK12 has not been shown to be a functional channel; however, it may require other non-pore-forming proteins for activity. KCNK12 is highly expressed in the brain. Diseases associated with KCNK12 include Skin Angiosarcoma and Birk-Barel Syndrome.
Specificity	No cross-reactivity reported
Purification Method	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.
Quality Control Tests	Each new lot of antibody is quality control tested by IHC on either rat or mouse brain 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.

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