

Product Datasheet

Anti-TRAK2 Antibody FL594 Conjugate



Overview

Catalog #	75-375-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG2a
Clone Number	N390/43
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	Human and Rat
Immunogen	Fusion protein amino acids 757-914 (C-terminus) of human TRAK2 (accession number O60296) produced recombinantly in E. Coli
Molecular Weight	100 kDa
Cite this Antibody	Antibodies Inc Cat# 75-375-FL594, RRID: AB_2940254

Details

Target Description	Trafficking kinesin-binding protein 2 or O-Linked N-Acetylglucosamine Transferase Interacting Protein 98 is encoded by the gene TRAK2. TRAK2 is involved in mitochondrial motility and regulation of endosome-to-lysosome trafficking and preferentially binds dynein. TRAK2 is widely expressed in tissues. Diseases associated with this gene include Juvenile Amyotrophic Lateral Sclerosis and Charcot-Marie-Tooth Disease.
Specificity	Does not cross-react with TRAK1
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 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.

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