

Product Datasheet

Anti-Navbeta1 Na⁺ Channel Antibody FL594 Conjugate

Overview

Catalog #	75-425-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG2a
Clone Number	N405/74
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 14-160 (extracellular N-terminus) of rat Navbeta1 (accession number Q00954) produced recombinantly in E. Coli
Molecular Weight	24 kDa
Cite this Antibody	Antibodies Inc Cat# 75-425-FL594, RRID: AB_2940414

Details

Target Description	Werner syndrome ATP-dependent helicase, WRN RecQ Like Helicase or DNA Helicase, RecQ-Like Type 3 is encoded by the gene WRN and is a member of the WRN RecQ Like Helicase family. WRN acts as a DNA helicase that is involved in DNA repair, replication, recombination and maintenance of DNA stability. WRN is a multifunctional enzyme with ATP dependent helicase activity, and is the only RecQ helicase member that has 3' to 5' exonuclease activity. WRN is expressed within the central nervous system and brain Diseases associated with this gene include Werner Syndrome and Medulloblastoma.
Specificity	Does not cross-react with Navbeta2, Navbeta3 or Navbeta4
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 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.

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As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience our 50+ year passion for science.

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