

Product Datasheet

Anti-WRN Antibody FL550 Conjugate



Overview

Catalog #	75-423-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG1
Clone Number	N428/12
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 38-236 (exonuclease domain) of human WRN (accession number Q14191) produced recombinantly in E. Coli
Molecular Weight	160 kDa
Cite this Antibody	Antibodies Inc Cat# 75-423-FL550, RRID: AB_2940405

Details

Target Description	Sodium channel protein type 4 subunit alpha or Nav1.4 sodium channel is encoded by the gene SCN4A. Nav1.4 is a member of the voltage gated sodium ion channel family. Nav1.4 is an alpha type, pore-forming subunit. It is expressed in skeletal muscle and functions in muscle fiber excitability, normal muscle contraction and relaxation cycles, and constant muscle strength. Diseases associated with this gene include forms of myotonia and periodic paralysis disorders.
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 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.

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