

Product Datasheet

Anti-Pan-Nav1 Sodium Channel Antibody FL550 Conjugate



Overview

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| Catalog # | 75-405-FL550 |
| Conjugate | FL550 Ex: 550 nm, Em: 575 nm |
| Isotype | IgG2a |
| Clone Number | N419/40 |
| 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, Mouse, and Rat |
| Immunogen | Synthetic peptide amino acids 1501-1518 (TEEQKKYYNAMKKLGSKK, cytoplasmic loop between repeat III and IV) of human Nav1.1 (accession number P35498) |
| Molecular Weight | >200 kDa |
| Cite this Antibody | Antibodies Inc Cat# 75-405-FL550, RRID: AB_2940337 |

Details

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| Target Description | The family of voltage gated sodium channels comprise a large alpha subunit and auxiliary beta subunits. Nav1 channels are members of the voltage gated sodium ion channel family and form the alpha type, pore-forming subunit of the channel. There are nine known members of this family. These alpha subunits vary in their function and tissue expression. |
| Specificity | Cross-reacts with multiple Nav1 channels |
| 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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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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