

Anti-Nav1.1 Na⁺ Channel Recombinant Chicken Chimeric mAb FL490 Conjugate



Product Details

Available Variants	200 µL (SKU:78-023-FL490)
Conjugate	490
Isotype	IgY
Clone	K74/71
Gene Name	Scn1a
Host Species	Chicken
Concentration	Lot dependent: provided at 0.3-0.5 mg/mL
Format	Purified by affinity chromatography
Physical State	FL490 Ex: 491 nm, Em: 515 nm
Buffer	1X PBS, 0.05% Sodium Azide pH 7.4
Production Notes	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone K74/71 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone K74/71 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in mammalian cells and then affinity purified from the cell culture media and conjugated.
Applications	ICC, IHC
Immunogen	Fusion protein amino acids 1929-2009 (cytoplasmic C-terminus) of rat Nav1.1 (accession number P04774) produced recombinantly in E. Coli
Specificity	No cross-reactivity with Nav1.2, Nav1.3 and Nav1.9
Molecular Weight	220 kDa

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.
UniProt ID	<u>P04774</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



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Product Page URL: www.antibodiesinc.com/products/anti-nav1-1-na-channel-recombinant-antibody-k74-71-78-023-fl490



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