

Product Datasheet

Anti-OCRL/INPP5b Antibody FL490 Conjugate



Overview

Catalog #	75-215-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	N166A/26
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	Fusion protein amino acids 1-901 (full-length) of human OCRL (accession number Q01968) produced recombinantly in E. Coli
Molecular Weight	100 kDa
Cite this Antibody	Antibodies Inc Cat# 75-215-FL490, RRID: AB_2939796

Details

Target Description	Inositol polyphosphate 5-phosphatase B is encoded by the gene INPP5B. INPP5B is a member of the inositol 1,4,5-triphosphate 5-phosphatase family. INPP5B functions in the regulation of calcium signaling by inactivating inositol phosphates. INPP5B is expressed highest in the urinary bladder. Diseases associated with INPP5B include dent disease 2, lowe oculocerebrorenal syndrome, charcot-marie-tooth disease type 4j, dent disease 1, and frontotemporal dementia and/or amyotrophic lateral sclerosis 2.
Specificity	Cross-reacts with INPP5b
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.

Our Guarantee

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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