

Product Datasheet

Anti-PICK1 Antibody FL490 Conjugate

NeuroMab



KO Validated

Overview

Catalog #	75-040-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2a
Clone Number	L20/8
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 10-130 of rat PICK1 (accession number AAG48152) produced recombinantly in E. Coli
Molecular Weight	45 kDa
Cite this Antibody	Antibodies Inc Cat# 75-040-FL490, RRID: AB_2939192

Details

Target Description	PRKCA-binding protein or PICK1 scaffold is encoded by the gene PICK1. PICK1 is a scaffold protein which acts as an adaptor protein that binds and organizes the location of membrane proteins. Functions to cluster receptors and plays a role in synaptic plasticity. PICK1 is ubiquitously expressed and found in high levels in brain and testis. Cellularly, PICK1 is found at perinuclear region, mitochondria and synapses. Diseases associated with PICK1 include Spermatogenic Failure and Depression.
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 by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.

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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