

## Product Datasheet

## Anti-PICK1 Antibody FL650 Conjugate



## Overview

<b>Catalog #</b>	75-040-FL650
<b>Conjugate</b>	FL650 Ex: 655 nm, Em: 676 nm
<b>Isotype</b>	IgG2a
<b>Clone Number</b>	L20/8
<b>Size</b>	200 µL
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Mouse Monoclonal
<b>Format</b>	Purified by Protein A chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	ICC, IHC
<b>Species Reactivity</b>	Human, Mouse, and Rat
<b>Immunogen</b>	Fusion protein amino acids 10-130 of rat PICK1 (accession number AAG48152) produced recombinantly in E. Coli
<b>Molecular Weight</b>	45 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-040-FL650, RRID: AB_2939195

## Details

<b>Target Description</b>	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.
<b>Specificity</b>	No cross-reactivity reported
<b>Purification Method</b>	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.
<b>Quality Control Tests</b>	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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