

Product Datasheet

Anti-Pan-PTPR (Receptor-Type Tyrosine-Protein Phosphatase) Antibody FL650 Conjugate



Overview

Catalog #	75-194-FL650
Conjugate	FL650 Ex: 655 nm, Em: 676 nm
Isotype	IgG2a
Clone Number	N165/43
Size	200 μ L
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC
Species Reactivity	Human, Mouse, and Rat
Immunogen	Fusion protein amino acids 1315-1607 (cytoplasmic C-terminus) of human LAR (accession number P10586) produced recombinantly in E. Coli
Molecular Weight and intracellular domains)	85 kDa (full-length is 210 kDa, smaller due to proteolysis into P-subunit containing transmembrane
Cite this Antibody	Antibodies Inc Cat# 75-194-FL650, RRID: AB_2939719

Details

Target Description	This is pan and reacts with PTPRF, Protein Tyrosine Phosphatase Receptor Type D (PTPRD) or Protein Tyrosine Phosphatase Receptor Type S (PTPRS) which are all members of the protein tyrosine phosphatase (PTP) family. These proteins are signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation.
Specificity	Cross-reacts with PTPRD or PTPRS
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.

Our Guarantee

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