

Product Datasheet

Anti-Pink1 PTEN Induced Putative Kinase 1 Antibody FL490 Conjugate



Overview

Catalog #	75-060-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	N4/15
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 112-496 of human Pink1 (accession number NP_115785) produced recombinantly in E. Coli
Molecular Weight	63 kDa
Cite this Antibody	Antibodies Inc Cat# 75-060-FL490, RRID: AB_2939256

Details

Target Description	PTEN Induced Kinase 1 is encoded by the gene PINK1. PINK1 is a member of the protein kinase superfamily, Ser/Thr protein kinase family. PINK1 is a serine/threonine protein kinase that protects against mitochondrial dysfunction during cellular stress by phosphorylating mitochondrial proteins. PINK1 is highly expressed in the heart, skeletal muscle, and testis. Diseases associated with PINK1 include Parkinson Disease 6, Autosomal Recessive Early-Onset and Parkinson Disease 2, Autosomal Recessive Juvenile.
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 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.

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