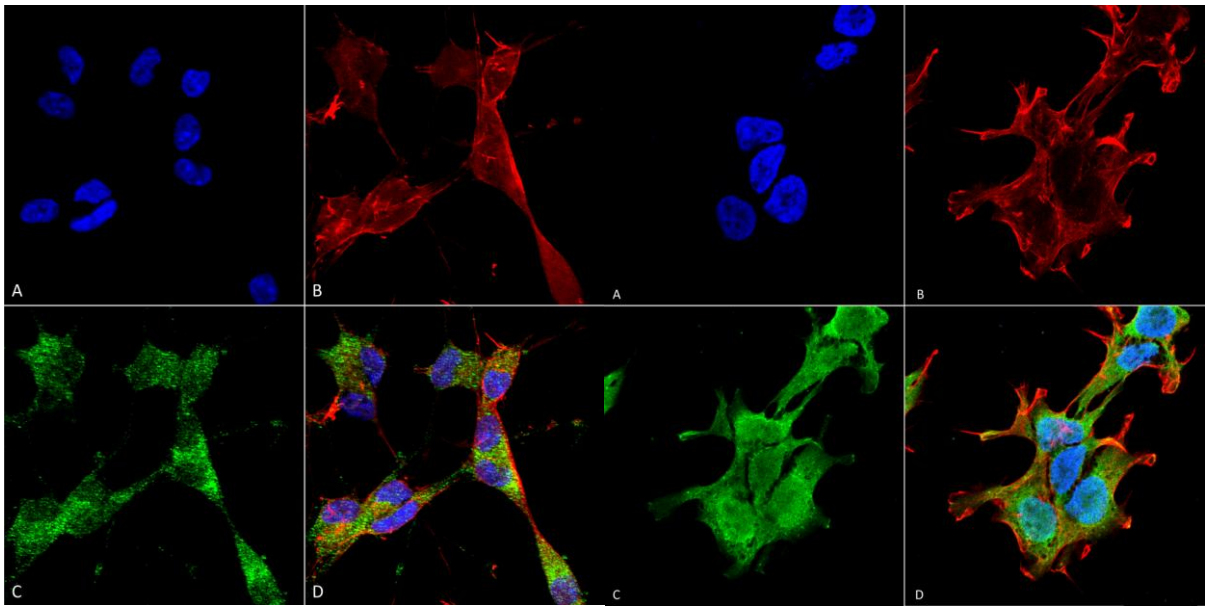
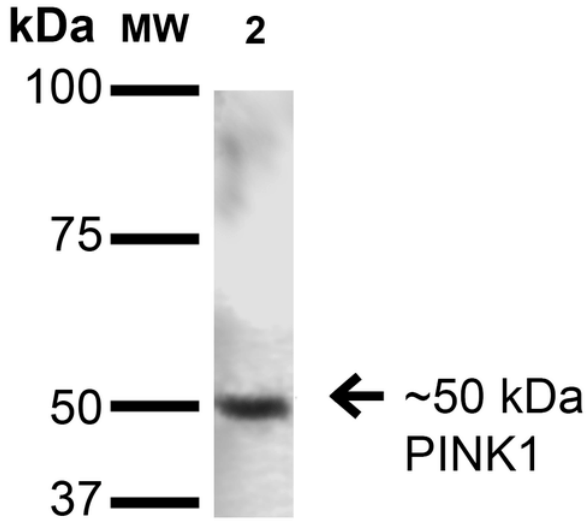
Anti-PINK1 [Clone S4-15]

Monclonal

Product Information

Product No.:	56548
Clone:	S4-15
Isotype:	Mouse Mouse IgG1





Product Description

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

Specificity:
This antibody recognizes human, mouse, and rat PINK1.

Background:
PINK1 (PTEN-induced putative kinase 1) is a mitochondrial serine/threonine kinase that maintains mitochondrial function and integrity, provides protection against mitochondrial dysfunction during cellular stress, and is involved in the clearance of damaged mitochondria via selective autophagy. PINK1 is synthesized as a 63kDa protein which undergoes proteolytic processing to yield two cleaved forms, ~55kDa and ~42kDa. PINK1 may be localized to the outer mitochondrial membrane with its kinase domain facing the cytosol which would explain the observed physical interaction between PINK1 and cytosolic E3 ubiquitin ligase Parkin.

Known Reactivity Species:
Human, Mouse, Rat

Format:
Purified

Immunogen:
Fusion protein corresponding to aa 112-496 (cytoplasmic C-terminus) of human PINK1. This sequence is 82

Formulation
PBS, pH 7.4, 0.1% sodium azide, 50% glycerol.

Storage and Stability
This product is stable for at least one (1) year at -20°C.

Product Preparation
Purified by Protein G affinity chromatography

Applications
Applications and Recommended Usage (Quality Tested By Leinco):

Immunoblotting: use at 1-5ug/mL. A band of ~50kDa is detected.

Immunofluorescence: use at 10ug/mL.

These are recommended concentrations.

Enduser should determine optimal concentrations for their application.

Country of Origin
USA

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