



# Mouse Anti-Human PINK1 monoclonal antibody, clone T5-26 (CABT-L6303M)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	>30% identity with DMPK.
<b>Immunogen</b>	Recombinant fragment corresponding to Human PINK1 (aa 112-496).
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Mouse, Rat, Human
<b>Clone</b>	T5-26
<b>Purification</b>	Protein G purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-F, WB, IHC-P, ICC/IF
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg
<b>Buffer</b>	50% Glycerol, PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.
<b>Ship</b>	Wet ice

# BACKGROUND

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<b>Introduction</b>	Protects against mitochondrial dysfunction during cellular stress, potentially by phosphorylating mitochondrial proteins. Involved in the clearance of damaged mitochondria via selective autophagy (mitophagy). It is necessary for PARK2 recruitment to dysfunctional mitochondria to initiate their degradation
<b>Keywords</b>	PINK1;PTEN induced putative kinase 1;PARK6, Parkinson disease (autosomal recessive) 6;serine/threonine-protein kinase PINK1, mitochondrial;protein kinase BPK;PTEN-induced putative kinase protein 1

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# GENE INFORMATION

Entrez Gene ID [65018](#)

UniProt ID [Q9BXM7](#)

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