BOSTER BIOLOGICAL TECHNOLOGY
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Anti-PINK1 Antibody

Catalog Number: M00201

About PINK1

This gene encodes a serine/threonine protein kinase that localizes to mitochondria. It is thought to protect cells from stress-induced mitochondrial dysfunction. Mutations in this gene cause one form of autosomal recessive early-onset Parkinson disease.

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Overview

Product Name	Anti-PINK1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-PINK1 Antibody (Catalog # M00201). Tested in WB, IHC-P, IF application(s). This antibody reacts with Human.
Application	IF, IHC-P, WB
Clonality	Monoclonal 38CT20.8.5
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q9BXM7

Technical Details

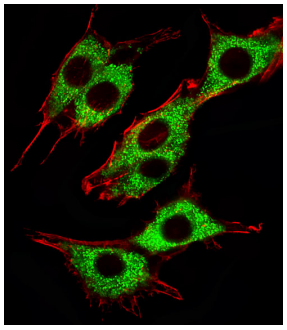
Immunogen	Recombinant PINK1 protein was used to produced this monoclonal antibody.
Predicted Reactive Species	Human, Mouse, Rat
Isotype	IgG1
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	IF: 1:25 WB: 1:1000

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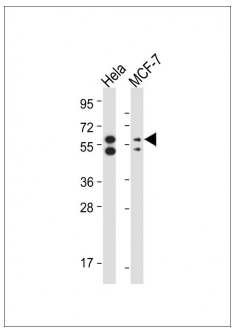
	IHC-P: 1:25 Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

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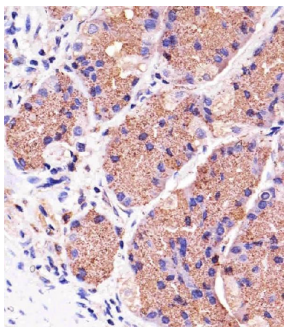
Anti-PINK1 Antibody (M00201) Images



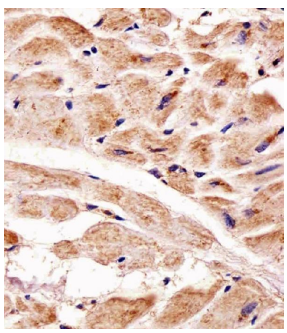
Fluorescent image of PC12 cells stained with Pink1 (115-213) Antibody. M00201 was diluted at 1:25 dilution. An Alexa Fluor® 488-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).



All lanes : Anti-Pink1(115-213) at 1:1000 dilutionLane 1: HeLa whole cell lysateLane 2: MCF-7 whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 63 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



Immunohistochemical analysis of paraffin-embedded H. stomach section using Pink1(115-213). M00201 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded H. heart section using Pink1(115-213). M00201 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

For Research Use Only. Not for use in diagnostic procedures.