

Product datasheet for **AM11055PU-N**

PINK1 Mouse Monoclonal Antibody [Clone ID: 38CT20.8.5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	38CT20.8.5
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/100-1/500.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant PINK1 protein was used to produced this monoclonal antibody.
Specificity:	This antibody is specific to PINK1.
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein G Chromatography eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	PTEN induced putative kinase 1
Database Link:	Entrez Gene 65018 Human Q9BXM7

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Background: Defects in PINK1 are the cause of autosomal recessive early-onset Parkinson's disease 6 (PARK6). Six novel pathogenic PINK1 mutations suggest that PINK1 may be the second most common causative gene next to parkin in parkinsonism with the recessive mode of inheritance. Strong evidence indicates that, although important in mendelian forms of Parkinson's disease (PD), PINK1 does not influence the cause of sporadic nonmendelian forms of PD.

Synonyms: PTEN-induced putative kinase protein 1, PARK6, BRPK, PINK-1

Note: **Molecular Weight:** 62769 Da

Product images:

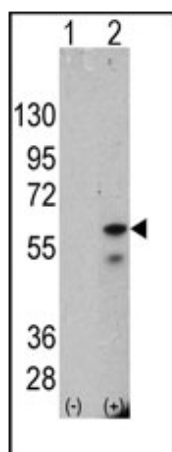


Figure 1. Western blot analysis of PINK (arrow) using mouse monoclonal PINK antibody. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the PINK gene (Lane 2). (Origene Technologies)