



Datasheet for ABIN7193428
anti-Parkin antibody (AA 1-144)



[Go to Product page](#)

4 Images

Overview

Quantity:	0.1 mg
Target:	Parkin (PARK2)
Binding Specificity:	AA 1-144
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human PRKN (AA: 1-144) expressed in E. coli.
Clone:	6F5D2
Isotype:	IgG2a
Purification:	purified

Target Details

Target:	Parkin (PARK2)
Alternative Name:	PRKN (PARK2 Products)
Background:	Description: The precise function of this gene is unknown, however, the encoded protein is a component of a multiprotein E3 ubiquitin ligase complex that mediates the targeting of substrate proteins for proteasomal degradation. Mutations in this gene are known to cause Parkinson disease and autosomal recessive juvenile Parkinson disease. Alternative splicing of

Target Details

this gene produces multiple transcript variants encoding distinct isoforms. Additional splice variants of this gene have been described but currently lack transcript support.

Aliases: PDJ, AR-JP, LPRS2, PARK2

Molecular Weight: 51.6 kDa

Gene ID: 5071

Pathways: [Autophagy](#), [Ubiquitin Proteasome Pathway](#)

Application Details

Application Notes: WB:1:500 - 1:2000, FCM:1:200 - 1:400, ELISA:1:10000,

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

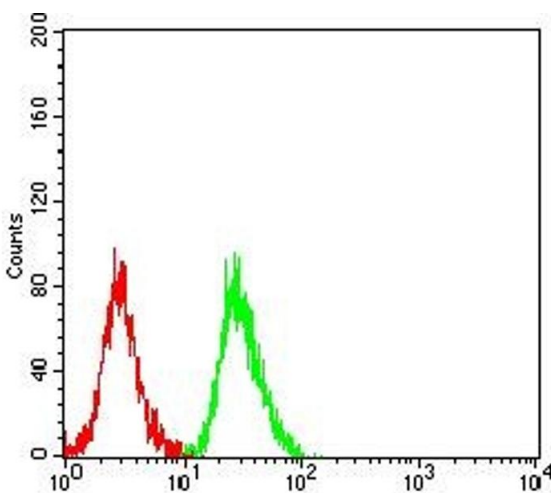
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

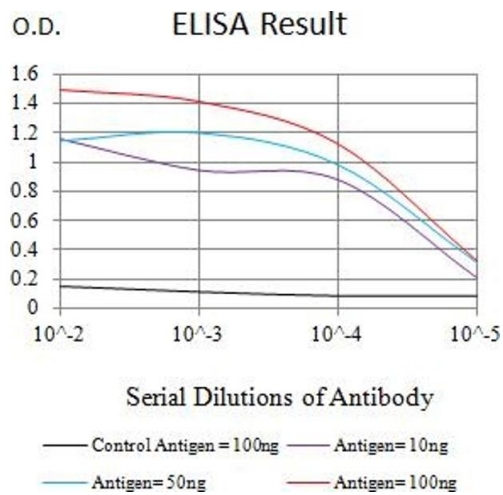
Storage Comment: 4°C, -20°C for long term storage

Images



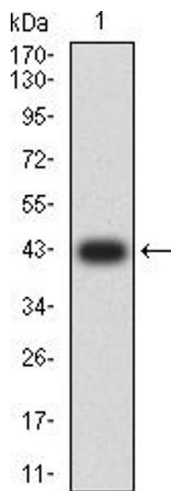
Flow Cytometry

Image 1. Flow cytometric analysis of SH-SY5Y cells using PRKN mouse mAb (green) and negative control (red).



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using PRKN mAb against human PRKN (AA: 1-144) recombinant protein. (Expected MW is 41.7 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193428.