



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PARK2 monoclonal antibody (M01), clone 1H4

Catalog # : H00005071-M01

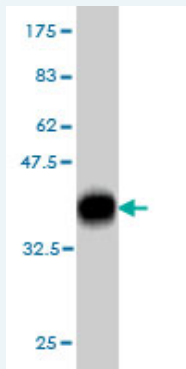
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant PARK2.
Immunogen:	PARK2 (AAH22014, 288 a.a. ~ 387 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PCVGTGDTVWLRGALGGFRRGVAGCPNSLIKELHHFRILGEEQYNRYQ QYGAEECVLQMGGLVLCPRPGCGAGLLPEPDQRKVTCEGGNGLGCGY GQRRTK
Host:	Mouse
Reactivity:	Human, Rat
Isotype:	IgG3 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.74 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Publication Reference

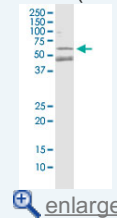
1. [Regional and cellular localisation of Parkin Co-Regulated Gene in developing and adult mouse brain.](#)
Brody KM, Taylor JM, Wilson GR, Delatycki MB, Lockhart PJ. Brain Res. 2008 Mar 27;1201:177-86. Epub 2008 Jan 30.

Applications

Western Blot (Cell lysate)

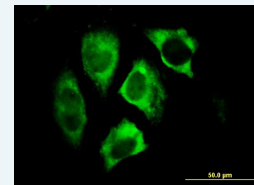
Application Image

Western Blot (Cell lysate)

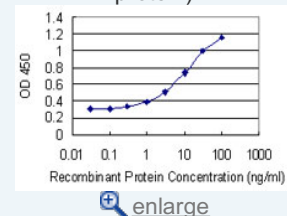


Western Blot (Recombinant protein)

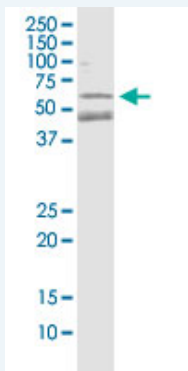
Immunofluorescence



Sandwich ELISA (Recombinant protein)



ELISA



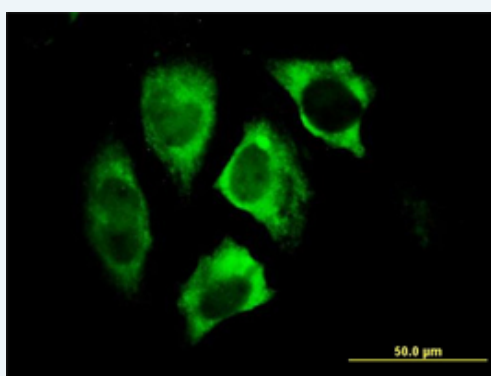
PARK2 monoclonal antibody (M01), clone 1H4. Western Blot analysis of PARK2 expression in PC-12.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunofluorescence

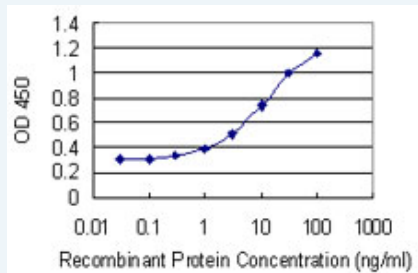


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to PARK2 on HeLa cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged PARK2 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5071](#)

GeneBank [BC022014](#)

Accession#:

Protein [AAH22014](#)

Accession#:

Gene Name: PARK2

Gene Alias: AR-JP,LPRS2,PDJ,PRKN

Gene Parkinson disease (autosomal recessive, juvenile) 2, parkin
Description:

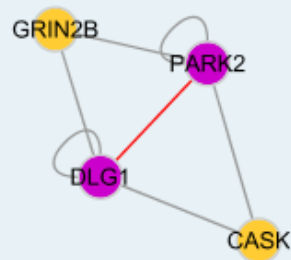
Omim ID: [211980](#), [600116](#), [602544](#), [604370](#), [607572](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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 this gene produces multiple transcript variants encoding distinct isoforms. Additional splice variants of this gene have been described but currently lack transcript support. [provided by RefSeq]

Other Designations: E3 ubiquitin ligase, OTTHUMP00000017565, OTTHUMP00000017566, OTTHUMP000017567, parkin, parkin 2

Interactome



Gene Pathway

[Parkinson's disease Ubiquitin mediated proteolysis](#)

Related Disease

[Alzheimer disease](#) [Cardiovascular Diseases](#) [Choice Behavior](#) [Cognition Disorders](#)
[Diabetes Mellitus, Type 2](#) [Diabetic Nephropathies](#) [Disease Progression](#)
[Disease Susceptibility](#) [Dystonic Disorders](#) [Edema](#) [Essential Tremor](#) [Essential tremor](#)
[Genetic Predisposition to Disease](#) [Leprosy](#) [Movement Disorders](#) [Nerve Degeneration](#)
[Neuropsychological Tests](#) [Paratyphoid Fever](#) [Parkinson Disease](#)

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