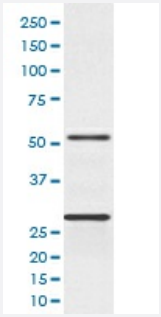
PARK2 monoclonal antibody, clone AOCD-16

Catalog # MAB20286 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate with PARK2 monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human PARK2.
Immunogen	A synthetic peptide corresponding to human PARK2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of Jurkat cell lysate with PARK2 monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry

Gene Info — PARK2

Entrez GeneID	5071
Protein Accession#	O60260
Gene Name	PARK2
Gene Alias	AR-JP, LPRS2, PDJ, PRKN
Gene Description	Parkinson disease (autosomal recessive, juvenile) 2, parkin
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 prote asomal degradation. Mutations in this gene are known to cause Parkinson disease and autosom al recessive juvenile Parkinson disease. Alternative splicing of this gene produces multiple transc ript variants encoding distinct isoforms. Additional splice variants of this gene have been describ ed but currently lack transcript support. [provided by RefSeq

Other Designations	E3 ubiquitin ligase|OTTHUMP00000017565|OTTHUMP00000017566|OTTHUMP00000017567|parkin|parkin 2

Pathway

- Ubiquitin mediated proteolysis

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Choice Behavior
- Cognition Disorders
- Diabetes Mellitus
- Diabetic Nephropathies
- Disease Progression
- Disease Susceptibility
- Dystonic Disorders
- Edema
- Essential tremor
- Genetic Predisposition to Disease
- Leprosy
- Movement Disorders
- Nerve Degeneration
- Neuropsychological Tests
- Paratyphoid Fever
- Parkinson disease
- Parkinsonian Disorders

- Pattern Recognition
- Reaction Time
- Supranuclear Palsy
- Tobacco Use Disorder
- Tremor
- Tuberculosis
- Typhoid Fever