

Mouse anti-Human Park7/DJ-1 Monoclonal Antibody | anti-Park7/DJ-1 antibody

Park7/DJ-1 antibody

CATALOG # AAA47990	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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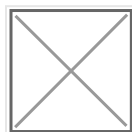
PRODUCT SYNONYMS

Park7/DJ-1; Monoclonal Antibody; Park7/DJ-1 antibody; Parkinson disease protein 7; PARK7; DJ-1 (PARK7); Oncogene DJ1; Protein DJ-1; Parkinson disease protein 7 CAP1; DJ1; DJ1 protein; SP22.; anti-Park7/DJ-1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	1B11
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	189
Applicable Applications for anti-Park7/DJ-1 antibody	WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human Park7/DJ-1 (1-189 aa) purified from E. coli
Clone Note	Anti-human Park7/DJ-1 mAb, clone 1B11, is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human Park7/DJ-1 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

Jurkat cell lysate was resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human Park7/DJ-1 antibody (1:1000). Protein was visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

ADDITIONAL INFORMATION

Related Product Information for anti-Park7/DJ-1 antibody	Park7/DJ-1, which is a small 189 amino acid protein, is a ubiquitously expressed protein involved in various cellular processes including spermatogenesis and fertilization, cancer, RNA-binding, androgen-receptor signaling and oxidative stress. Mutations in the Park7/DJ-1 are the cause of autosomal recessive early-onset Parkinson's disease 7 (Park7).
Product Categories/Family for anti-Park7/DJ-1 antibody	Neuroscience
References	Meulener MC. et al (2005) J. Neurochem. 93, 1524-1532; Bonifati V. et al (2003) Science. 299, 256-259; Zhou W. et al (2005) J. Biol. Chem. 280, 43150-43158; Junn E. et al (2005) PNAS. 102, 9691-9696

NCBI AND UNIPROT INFORMATION

NCBI GI #	31543380
NCBI GeneID	11315
NCBI Accession #	NP_009193
NCBI GenBank Nucleotide #	NM_007262.4
UniProt Accession #	Q99497; O14805; Q6DR95; Q7LFU2; B2R4Z1
Molecular Weight	19,891 Da
NCBI Official Full Name	protein/nucleic acid deglycase DJ-1
NCBI Official Synonym Full Names	Parkinsonism associated deglycase
NCBI Official Symbol	PARK7
NCBI Official Synonym Symbols	DJ1; DJ-1; GATD2; HEL-S-67p
NCBI Protein Information	protein/nucleic acid deglycase DJ-1; protein deglycase DJ-1
UniProt Protein Name	Protein/nucleic acid deglycase DJ-1
UniProt Gene Name	PARK7
UniProt Synonym Gene Names	DJ-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/park7-dj-1-antibody-clone-1b11-western-blot-elisa/47990>