Mouse monoclonal antibody to DJ-1 [PARK7]: IgG

Catalogue No.: M-1573-100
Description: Protein DJ-1 has many roles including protecting cells against oxidative stress and cell death (Ref: SwissProt). Mutations in the DJ-1 gene have been associated with rare forms of autosomal recessive early-onset Parkinson's disease.
Batch No.: See product label
Unit size: 100 µg
Antigen: Full length recombinant human DJ-1 expressed in and purified from E. coli.
Antibody Type: monoclonal
Isotype: IgG1/kappa
Clone: 4H4
Other Names: Oncogene DJ1; Parkinson disease protein 7; PARK7; DJ-1
Accession: Q99497 PARK7_HUMAN;
Produced in: Mouse
Applications: WB, IHC/IF. Suggested dilution of at least 1:1,000 for IHC/IF. Dilutions of 1:10,000 or lower is recommended for WB. This antibody reveals a prominent ~21 kDa band and stains mainly in cytoplasm of tissue culture cells. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity: The antibody reacts with a 21 kDa band by Western blot on whole HeLa cell lysate. It has also been used successfully for immunocytochemistry.
Species Against: Human, Mouse, Bovine
Antibody Against: DJ1 [PARK7]
Form: Lyophilized from PBS. Contains 5% trehalose.
Appearance: White powder
Reconstitution: Reconstitute in sterile distilled water. Centrifuge to remove any insoluble material.
Storage: After reconstitution of lyophilised antibody, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date: 12 months after purchase
General References:
Mouse monoclonal antibody to DJ-1 [PARK7]: IgG


HeLa cells stained with Mouse monoclonal antibody to DJ-1 M-1573-100 (green), and Chicken polyclonal antibody to Vimentin C-1409-50 (red) and DNA (blue). M-1573-100 antibody reveals strong cytoplasmic staining for DJ-1.