

Product: Anti-Park7/DJ-1, human

Catalog #: 01-2458

Amount: 200 µl

CATEGORY: Mouse monoclonal
CLONE DETERMINATION: 1B11
IMMUNOGLOBULIN CLASS: Mouse IgG₁
FORM: Purified, in PBS, pH 7.4, containing 0.1% sodium azide
IMMUNOGEN: Recombinant human GST-DJ1 (1-189 aa) purified from *E. coli*
PURIFICATION: Protein G affinity chromatography, from ascites
DESCRIPTION/SPECIFICITY: 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).

ANTIGEN RECOGNIZED IN SPECIES (tested so far):

Human

APPLICATION (tested so far):

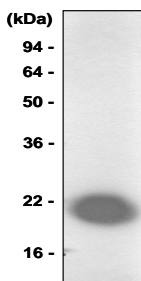
ELISA, Immunoblotting (western, ECL)

WORKING DILUTION:

Western Blot: 1:100-1:400

STORAGE:

Optimal dilution should be performed by serial dilution 2-8°C for immediate use; or at -20°C (aliquot)



Western Blot Analysis: Jurkat cell lysate was resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human Park7/DJ-1 antibody (1:200). Protein was visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system

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

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