

A Reliable Research Partner in Life Science and Medicine

Recombinant PARK7/DJ-1 Monoclonal Antibody

catalog number: AN300257P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human

Immunogen Recombinant Human PARK7 / DJ-1 protein

HostRabbitIsotypeIgGCloneB175PurificationProtein A

Buffer 0.2 µm filtered solution in PBS

Applications Recommended Dilution

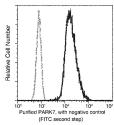
 WB
 1:1000-1:5000

 FCM
 1:25-1:100

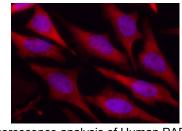
 ICC/IF
 1:20-1:100

IP 1-4 μL/mg of lysate

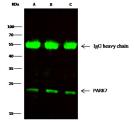
Data

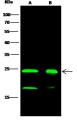


Flow cytometric analysis of Human PARK7 expression on HeLa cells. The cells were stained with purified anti-Human PARK7, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



Immunofluorescence analysis of Human PARK7 in Hela cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human PARK7 Monoclonal Antibody (1:60) at 37°C 1 hour. Then cells were stained with the Alexa Fluor® 594-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI for nuclear staining (blue). Positive staining was localized to cytoplasm.





 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com

Elabscience®

Elabscience Bionovation Inc.

A Reliable Research Partner in Life Science and Medicine

Immunoprecipitation analysis using 2 µL anti-PARK7 Monoclonal Antibody and 15 µl of 50 % Protein G agarose. Western blot was performed from the immunoprecipitate using PARK7 Monoclonal Antibody at a dilution of 1:1000. Lane A:0.5 mg Jurkat Whole Cell Lysate, Lane B:0.5 mg Hela Whole Cell Lysate, Lane C:0.5 mg 293T Whole Cell Lysate

Western Blot with PARK7 / DJ-1 Monoclonal Antibody at dilution of 1:1000. Lane A: Hela Whole Cell Lysate, Lane B: Jurkat Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:20 kDa Calculated-MW:20 kDa

Observed-MW:20 kDa Calculated-MW:20 kDa

Preparation & Storage

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

Background

The product of this gene belongs to the peptidase C56 family of proteins. It acts as a positive regulator of androgen receptor-dependent transcription. It may also function as a redox-sensitive chaperone, as a sensor for oxidative stress, and it apparently protects neurons against oxidative stress and cell death. Defects in this gene are the cause of autosomal recessive early-onset Parkinson disease 4. Two transcript variants encoding the same protein have been identified for this gene.

For Research Use Only

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com
 Rev. V1.2