EliteRmab®

PARK7 / DJ-1 Antibody, Rabbit MAb

Catalog Number: **12484-R007**

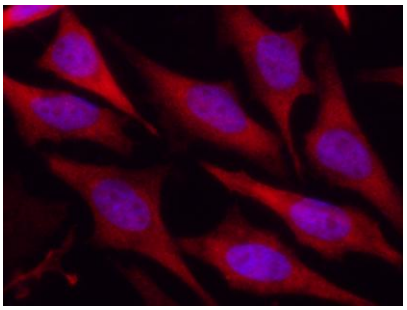
GENERAL INFORMATION	
Immunogen:	Recombinant Human PARK7 / DJ-1 protein (Catalog#12484-H08E)
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human PARK7 / DJ-1 (rh PARK7 / DJ-1; Catalog#12484-H08E; Q99497-1; Met1-Asp189).
Ig Type:	Rabbit IgG
Clone ID:	007
Specificity:	Human PARK7 / DJ-1
Formulation:	0.2 μm filtered solution in PBS
Storage:	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Avoid repeated freeze-thaw cycles.
Alternative Names:	DJ-1,DJ1,HEL-S-67p
APPLICATIONS	
Applications:	WB,FCM,ICC/IF,IP
RECOMMENDED CONCENTRATION	
ICC/IF	ICC/IF: 1:20-1:100
Flow Cytometry	FCM: 1:25-1:100
Western Blot	WB: 1:1000-1:5000
Immunoprecipitation	IP: 1-4 μL/mg of lysate

Please Note: Optimal concentrations/dilutions should be determined by the end user.

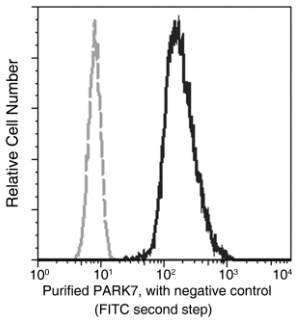
EliteRmab®

PARK7 / DJ-1 Antibody, Rabbit MAb

Catalog Number: **12484-R007**

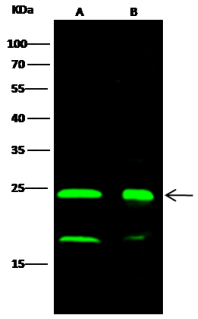


Immunofluorescence staining of Human PARK7 in Hela cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human PARK7 monoclonal antibody (1:60) at 37℃ 1 hour. Then cells were stained with the Alexa Fluor® 594-conjugated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



Flow cytometric analysis of Human PARK7 expression on HeLa cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), 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.

Flow cytometry was performed on a BD FACSCalibur flow cytometry system.
Please refer to www.sinobiological.com/Flow-Cytometry-FACS-Protocols-a-750.html for technical protocols.



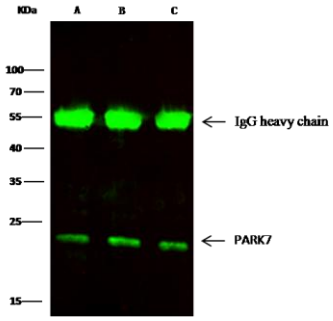
Anti-PARK7 rabbit monoclonal antibody at 1:1000 dilution
Lane A: Hela Whole Cell Lysate
Lane B: Jurkat Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary
Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size:20 kDa
Observed band size:24 kDa



PARK7 was immunoprecipitated using:
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

2 µL anti-PARK7 rabbit monoclonal antibody and 15 µl of 50 % Protein G agarose.

Primary antibody:
Anti-PARK7 rabbit monoclonal antibody,at 1:1000 dilution

Secondary antibody:
Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.
Performed under reducing conditions.

Predicted band size: 20 kDa
Observed band size: 20 kDa