

Product Datasheet

Park7/DJ-1 Antibody (007) - Azide and BSA Free NBP3-05805-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-05805-100ul

Park7/DJ-1 Antibody (007) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	007
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS

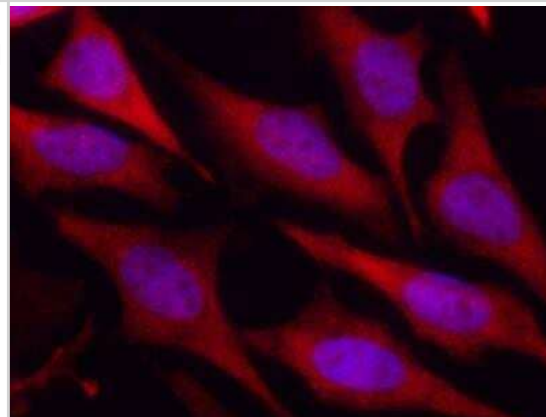
Product Description	
Description	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	11315
Gene Symbol	PARK7
Species	Human
Immunogen	This antibody was obtained from a rabbit immunized with purified, recombinant Human Park7/DJ-1 (Uniprot#: Q99497-1; Met1-Asp189).

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, Immunocytochemistry/ Immunofluorescence 1:20-1:100, Immunoprecipitation 1-4 uL/mg of lysate

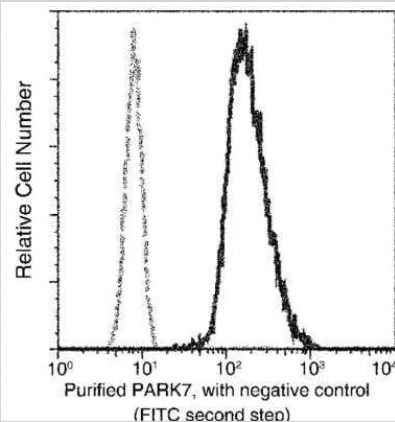


Images

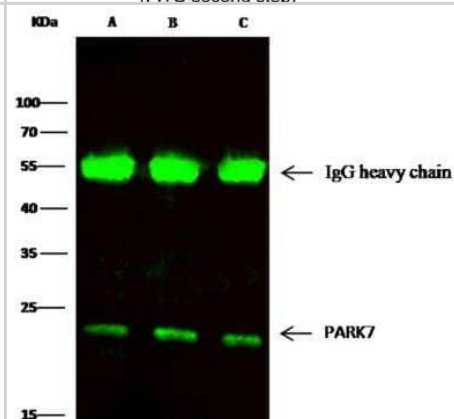
Immunocytochemistry/Immunofluorescence: Park7/DJ-1 Antibody (007) [NBP3-05805] - Staining of Human PARK7 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human PARK7 monoclonal antibody (1:60) at 37°C 1 hour. Then cells were stained with the Alexa Fluor® 594-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



Flow Cytometry: Park7/DJ-1 Antibody (007) [NBP3-05805] - Analysis of Human PARK7 expression on HeLa cells. The cells were treated, 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.



Immunoprecipitation: Park7/DJ-1 Antibody (007) [NBP3-05805] - 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 uL anti-PARK7 rabbit monoclonal antibody and 15 ul 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





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Products Related to NBP3-05805-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB300-270PEP	Park7/DJ-1 Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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