

DJ-1 Recombinant Rabbit Monoclonal Antibody (7)

Product Details	
Size	100 µL
Species	Human
Expression System	Rabbit / IgG
Class	Recombinant Monoclonal
Type	Antibody
Clone	7
Conjugate	Unconjugated
Immunogen	Recombinant Human PARK7/DJ-1 protein
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	no preservative
Storage Conditions	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C
RRID	AB_2785323

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1:25-1:100	-
Immunocytochemistry (ICC)	1:20-1:100	-
Immunofluorescence (IF)	1:20-1:100	-
Immunoprecipitation (IP)	1-4 µL/mg of lysate	-
Western Blot (WB)	1:1000-1:5000	-

Product Specific Information

This product is preservative free. It is recommended to add sodium azide to avoid contamination (final concentration 0.05%-0.1%).

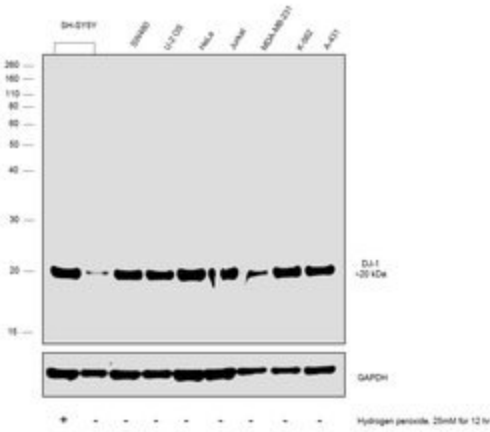
Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

This antibody has specificity for Human PARK7/DJ-1.

Advanced Verification Data

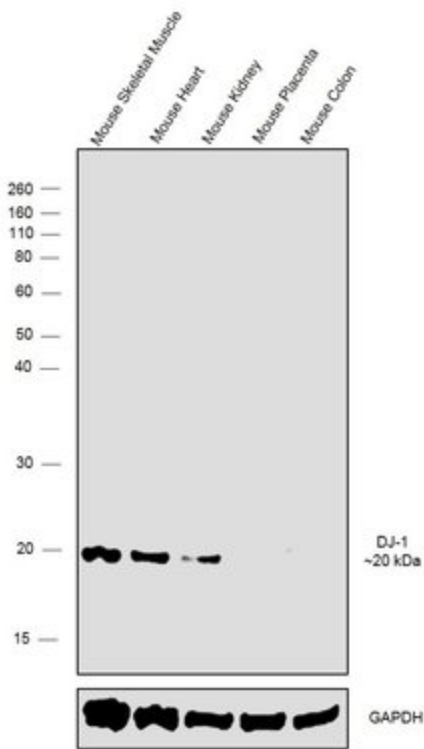
DJ-1 Antibody (MA5-29462)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot using Anti- DJ-1 Monoclonal Antibody (Product # MA5-29462) , shows increased expression of DJ-1 in SH-SY5Y cell line upon Hydrogen peroxide treatment.. Cell treatment validation info.



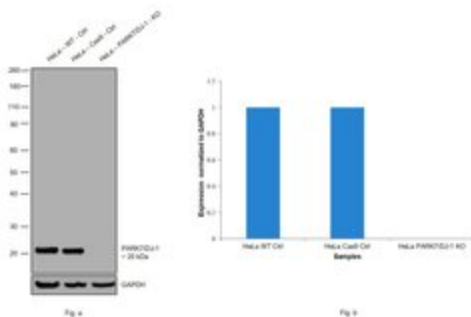
DJ-1 Antibody (MA5-29462)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissues owing to their inherent genetic constitution. Relative expression of DJ-1 was observed in Mouse Skeletal Muscle, Heart and Kidney as opposed to Mouse Placenta and Colon using DJ-1 Monoclonal Antibody (Product # MA5-29462) in western blot.. Relative expression validation info.



DJ-1 Antibody (MA5-29462)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in DJ-1/PARK7 (KO) cell line compared to control cell line using Anti-DJ-1 Monoclonal Antibody (Product # MA5-29462). Knockout validation info.



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