

Anti-Parkinson disease protein 7 (PARK7) Antibody

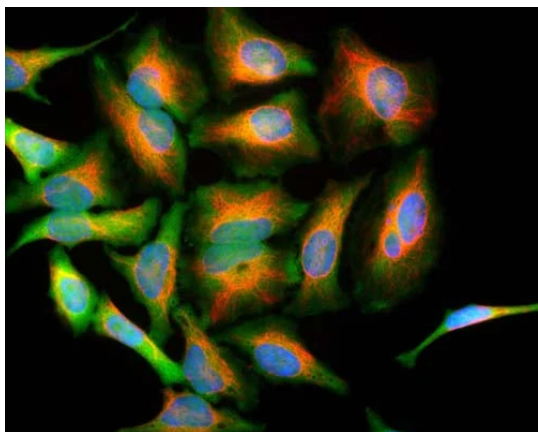


Product Details

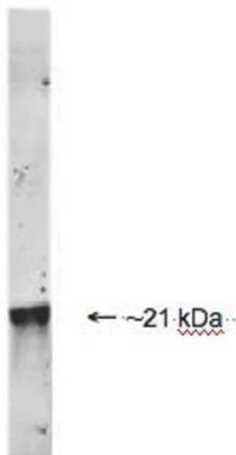
Available Variants	100 µg (SKU:M-1573-100)
Conjugate	Unconjugated
Clone	4H4
Host Species	Mouse
Format	IgG
Physical State	Lyophilized
Buffer	Lyophilized from PBS buffer pH 7.2-7.6 with 0.1% trehalose, and sodium azide
Production Notes	Protein G purified
Applications	ICC, WB
Dilution Ranges	WB: 1:5000 ICC: 1:500
Species Reactivity	Human
Immunogen	Full length recombinant human DJ-1 expressed in and purified from E. coli.
Specificity	The antibody reacts with a 21 kDa band by Western blot on whole HeLa cell lysate. It has also been used successfully for immunocytochemistry. Does not react with rat and mouse DJ-1 protein on Western blots.
Molecular Weight	21 kDa
Storage	Spin vial briefly before opening. Reconstitute with 100 µL sterile-filtered, ultrapure water to achieve a 1 mg/mL concentration. Centrifuge to remove any insoluble material. After reconstitution of lyophilized antibody, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
UniProt ID	<u>Q99497</u>
Country of Origin	United States

Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

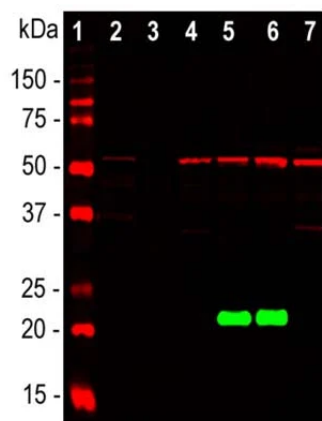
Product Images



HeLa cells stained with Mouse monoclonal antibody to DJ-1 M-1573-100 (green), and Chicken polyclonal antibody to Vimentin C-1409-50 (red) and DNA (blue). M-1573-100 antibody reveals strong cytoplasmic staining for DJ-1.



Whole HeLa cell lysate stained with mouse anti-DJ1 antibody. The antibody recognizes the ~21 kDa protein.



Western blot analysis of whole brain and cell lysates using mouse antibody to DJ1 (green, 1:5,000). [1] protein standard, [2] rat brain, [3] mouse brain, [4] NIH-3T3, [5] HeLa, [6] HEK293, and [7] C6 cells. The antibody detects DJ1 protein with apparent molecular weight of 21 kDa, but only in human cell lines, since it does not recognize the rat or mouse DJ1 protein. The blot was simultaneously probed with chicken antibody to vimentin (C-1409-50, red, 1:5,000), revealing a single band at about 50 kDa (lanes 2-7).

Product Page URL: www.antibodiesinc.com/products/anti-parkinson-disease-protein-7-park7-antibody-m-1573-100



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