

Product Datasheet

Parkin Antibody (1H4) - Azide and BSA Free H00005071-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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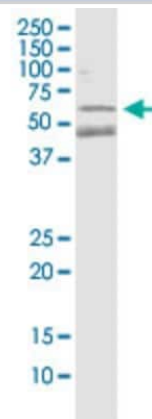
H00005071-M01

Parkin Antibody (1H4) - Azide and BSA Free

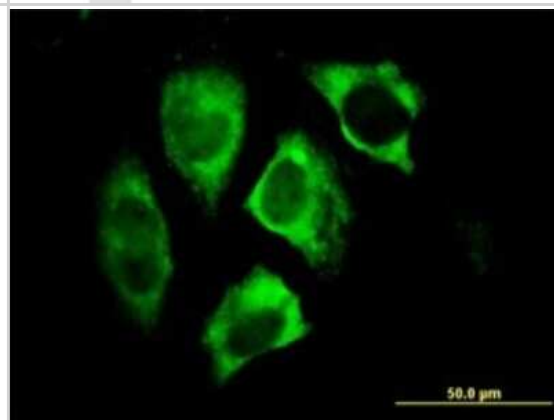
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1H4
Preservative	No Preservative
Isotype	IgG3 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5071
Gene Symbol	PRKN
Species	Human, Rat
Specificity/Sensitivity	PARK2 - Parkinson disease (autosomal recessive, juvenile) 2, parkin
Immunogen	PARK2 (AAH22014, 288 a.a. ~ 387 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PCVGTGDTVVLRLGALGGFRRGVAGCPNSLIKELHHFRILGEEQYNRYQQYGAE ECVLQMGGVLCPRPGCGAGLLPEPDQRKVTCEGGNGLGCGYGQRRTK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.

Images

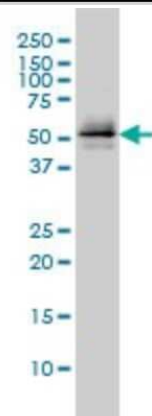
Western Blot: Parkin Antibody (1H4) [H00005071-M01] - Parkin monoclonal antibody (M01), clone 1H4. Western Blot analysis of Parkin expression in PC-12.



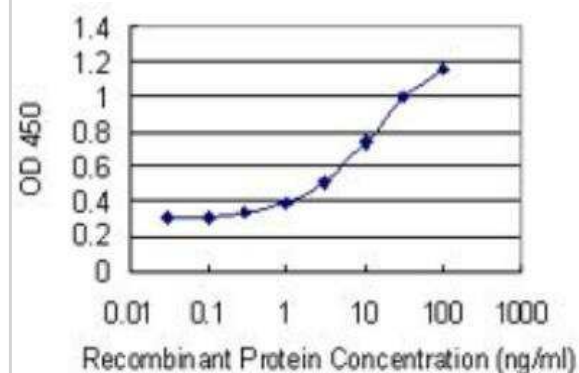
Immunocytochemistry/Immunofluorescence: Parkin Antibody (1H4) [H00005071-M01] - Analysis of monoclonal antibody to PARK2 on HeLa cell. Antibody concentration 10 ug/ml.



Western Blot: Parkin Antibody (1H4) [H00005071-M01] - PARK2 monoclonal antibody (M01), clone 1H4 Analysis of PARK2 expression in Jurkat.



ELISA: Parkin Antibody (1H4) [H00005071-M01] - Detection limit for recombinant GST tagged PARK2 is 0.1 ng/ml as a capture antibody.



Publications

Chongkui Sun, Kun Wang, Amanda J Stock, Yi Gong, Tyler G Demarest, Beimeng Yang, Neelam Giri, Lea Harrington, Blanche P Alter, Sharon A Savage, Vilhelm A Bohr, Yie Liu Re-equilibration of imbalanced NAD metabolism ameliorates the impact of telomere dysfunction The EMBO Journal 2020-09-16 [PMID: 32935380]

Tan HWS, Lu G, Dong H et al. A degradative to secretory autophagy switch mediates mitochondria clearance in the absence of the mATG8-conjugation machinery Nature communications 2022-06-28 [PMID: 35764633]

La Cognata Valentina, Iemmolo Rosario, D'Agata Velia et al. Increasing the Coding Potential of Genomes Through Alternative Splicing: The Case of PARK2 Gene. Curr Genomics. 2014-06-01 [PMID: 24955028]

Scuderi Soraya, La Cognata Valentina, Drago Filippo et al. Alternative splicing generates different parkin protein isoforms: evidences in human, rat, and mouse brain. Biomed Res Int. 2014-07-16 [PMID: 25136611]

Brody KM, Taylor JM, Wilson GR et al. Regional cellular localisation of Parkin Co-Regulated Gene in developing adult mouse brain. Brain Res 1201:177-86. 2008-03-27 [PMID: 18295750]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00005071-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96978	Mouse IgG3 Kappa Light Chain Isotype Control (MG3K)
NBP2-51533-0.1mg	Recombinant Human Parkin His Protein

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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