Datasheet for ABIN562106

anti-Parkin antibody (AA 288-387)

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Overview

Quantity:	100 µg
Target:	Parkin (PARK2)
Binding Specificity:	AA 288-387
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Parkin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PARK2.
Immunogen:	PARK2 (AAH22014, 288 a.a. ~ 387 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PCVGTGDTVV LRGALGGFRR GVAGCPNSLI KELHHFRILG EEQYNRYQQY GAEECVLQMG GVLCPRPGCG AGLLPEPDQR KVTCEGGNGL GCGYGQRRTK
Clone:	1H4
Isotype:	IgG3
Cross-Reactivity:	Human, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

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Target Details

Target:	Parkin (PARK2)
Alternative Name:	PARK2 (PARK2 Products)
Background:	Full Gene Name: Parkinson disease (autosomal recessive, juvenile) 2, parkin Synonyms: AR-JP,LPRS2,PDJ,PRKN
Gene ID:	5071
Pathways:	Autophagy, Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Brody, Taylor, Wilson, Delatycki, Lockhart: "Regional and cellular localisation of Parkin co-regulated gene in developing and adult mouse brain." in: **Brain research**, Vol. 1201, pp. 177-86, (2008) (PubMed).

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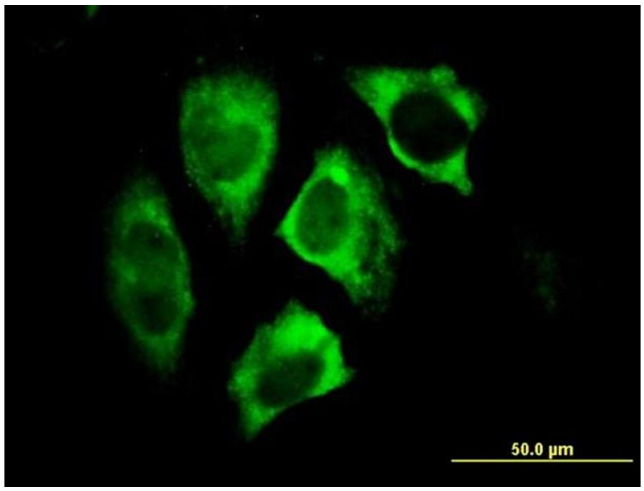
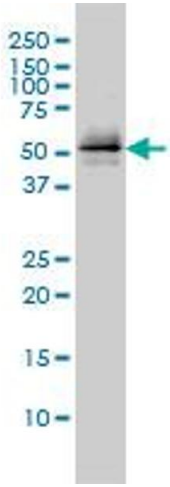


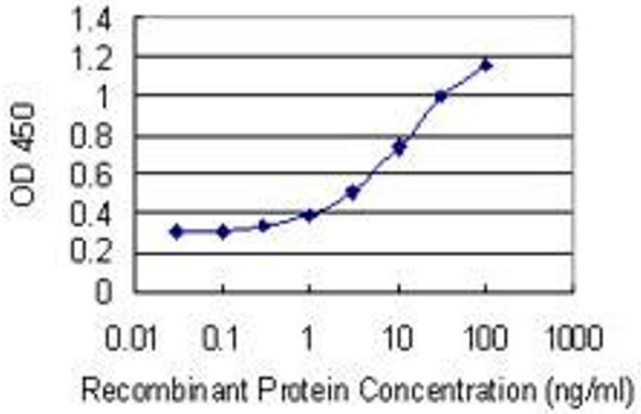
Immunofluorescence

Image 1. Immunofluorescence of monoclonal antibody to PARK2 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blotting

Image 2. PARK2 monoclonal antibody (M01), clone 1H4 Western Blot analysis of PARK2 expression in Jurkat .



ELISA

Image 3. Detection limit for recombinant GST tagged PARK2 is 0.1 ng/ml as a capture antibody.

Please check the product details page for more images. Overall 5 images are available for ABIN562106.

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