

Nur für Forschungszwecke

# PARK2/Parkin Monoklonaler Antikörper



Katalog-Nr.: 66674-1-Ig **20 Publikationen**

## Allgemeine Informationen

|   |  |  |
|---|--|--|
| <b>Katalog-Nr.:</b><br>66674-1-Ig   | <b>GenBank-Zugangsnummer:</b><br>BC022014  | <b>Reinigungsmethode:</b><br>Protein-A-Reinigung   |
| <b>Größe:</b><br>150ul, Konzentration: 1500 µg/ml von 5071<br>Nanodrop und 796 µg/ml durch die<br>Bradford-Methode mit BSA als<br>Standard; | <b>GeneID (NCBI):</b><br>Vollständiger Name:<br>Parkinson disease (autosomal<br>recessive, juvenile) 2, parkin | <b>CloneNo.:</b><br>2H5A7  |
| <b>Wirt:</b><br>Maus  | <b>Berechnete Masse:</b><br>52 kDa   | <b>Empfohlene Verdünnungen:</b><br>WB 1:2000-1:8000<br>IHC 1:250-1:1000<br>IF 1:50-1:100 |
| <b>Isotyp:</b><br>IgG2b   | <b>Beobachtete Masse:</b><br>42-52 kDa   |  |
| <b>Immunogen Katalognummer:</b><br>AG5179   |  |  |

## Anwendungen

|   |  |
|---|--|
| <b>Geprüfte Anwendungen:</b><br>IF, IHC, WB, ELISA  | <b>Positivkontrollen:</b><br>WB : HEK-293-Zellen, Maushirngewebe, SH-SY5Y-Zellen, U-251-Zellen |
| <b>In Publikationen genannte Anwendungen:</b><br>IF, WB   | <b>IHC :</b> Maushirngewebe,   |
| <b>Getestete Reaktivität:</b><br>Human, Maus  | <b>IF :</b> SH-SY5Y-Zellen,  |
| <b>Zitierte Arten:</b><br>Hausschwein, Human, Maus, Ratte   |  |
| <b>Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b> |  |

## Hintergrundinformationen

Parkin, a RING-type E3 ubiquitin-protein ligase, is involved in the ubiquitination pathway and contributes to protection from neurotoxicity induced by unfolded protein stresses. Its ubiquitin-protein ligase activity promotes the degradation of a variety of proteins including itself. Mutations in Parkin are implicated in the pathogenesis of autosomal recessive familial Parkinson's disease. It has 8 isoforms produced by alternative splicing.

## Bemerkenswerte Veröffentlichungen

| Verfasser       | Pubmed ID | Journal                | Anwendung |
|-----------------|-----------|------------------------|-----------|
| Tetsushi Hirano | 34520793  | Toxicol Appl Pharmacol | WB        |
| Xue Wang        | 32963699  | Oxid Med Cell Longev   | IF        |
| Huijuan Xiao    | 36308405  | J Cell Mol Med         | WB        |

## Lagerung

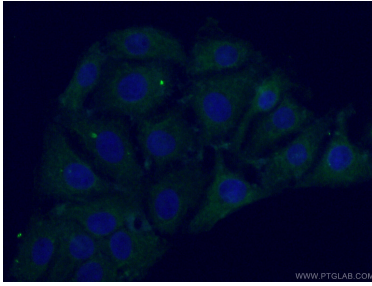
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

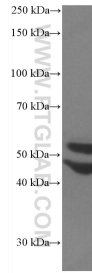
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

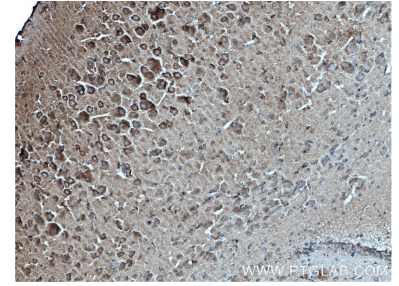
## Ausgewählte Validierungsdaten



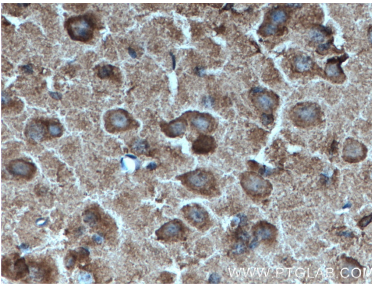
Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using 66674-1-Ig (PARK2/Parkin antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



HEK-293 cells were subjected to SDS PAGE followed by western blot with 66674-1-Ig (Parkin antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66674-1-Ig (Parkin antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66674-1-Ig (Parkin antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).