

À des fins de recherche uniquement

# Anticorps Monoclonal anti-PARK2/Parkin



Numéro de catalogue: 66674-1-Ig **23 Publications**

## Informations de base

<b>Numéro de catalogue:</b> 66674-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC022014	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul, Concentration: 1500 µg/ml by Nanodrop and 796 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 5071	<b>CloneNo.:</b> 2H5A7
<b>Hôte:</b> Mouse	<b>Nom complet:</b> Parkinson disease (autosomal recessive, juvenile) 2, parkin	<b>Dilutions recommandées:</b> WB 1:2000-1:8000 IHC 1:250-1:1000 IF 1:50-1:100
<b>Isotype:</b> IgG2b	<b>MW calculé:</b> 52 kDa	
<b>Immunogen Catalog Number:</b> AG5179	<b>MW observés:</b> 42-52 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

IF, WB

### Spécificité de l'espèce:

Humain, souris

### Espèces citées:

Humain, porc, rat, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : cellules HEK-293, cellules SH-SY5Y, cellules U-251, tissu cérébral de souris

IHC : tissu cérébral de souris,

IF : cellules SH-SY5Y,

## Informations générales

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.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Tetsushi Hirano	34520793	Toxicol Appl Pharmacol	WB
Xue Wang	32963699	Oxid Med Cell Longev	IF
Huijuan Xiao	36308405	J Cell Mol Med	WB

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

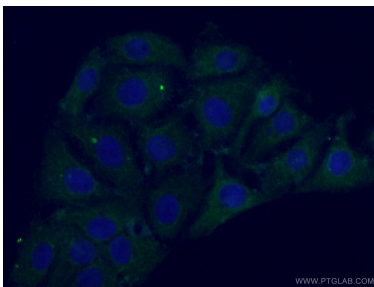
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

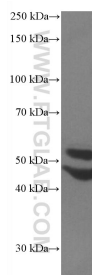
E: proteintech@ptglab.com  
W: ptglab.com

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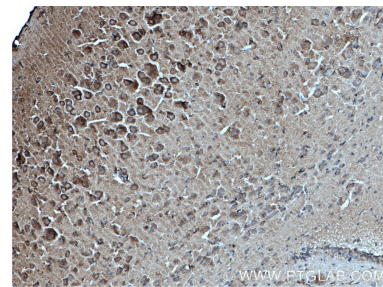
## Données de validation sélectionnées



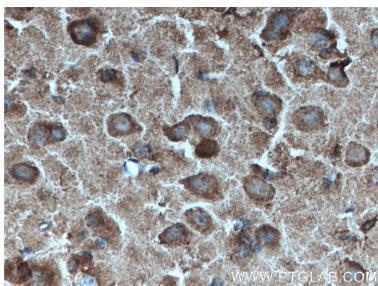
Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using 66674-1-Ig (PARK2/Parkin antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



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).