

bsm-61396R**[Primary Antibody]**

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Parkin Recombinant Rabbit mAb

DATASHEET

Host: Rabbit**Clonality:** Recombinant**GeneID:** 5071**Target:** Parkin**Immunogen:** A synthesized peptide derived from human Parkin: 5-56.**Purification:** affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: Functions within a multiprotein E3 ubiquitin ligase complex, catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins.

Isotype: IgG**CloneNo.:** 9G5**SWISS:** O60260

Applications: **WB** (1:1000-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (1:100-200)
IP (1:20-50)

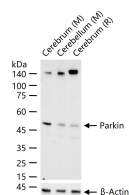
Reactivity: Human, Mouse, Rat

Predicted
MW.: 52 kDa

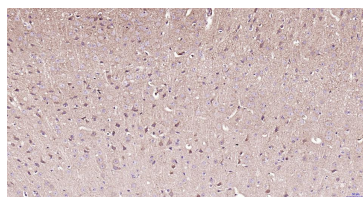
Observed
MW.: 50 kDa

Subcellular Cell membrane ,Cytoplasm
Location: ,Nucleus

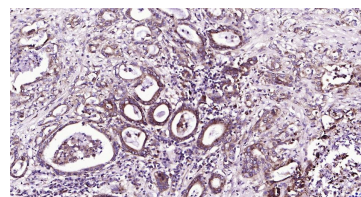
VALIDATION IMAGES



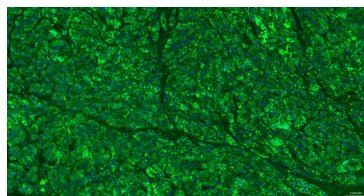
25 ug total protein per lane of various lysates (see on figure) probed with Parkin monoclonal antibody, unconjugated (bsm-61396R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



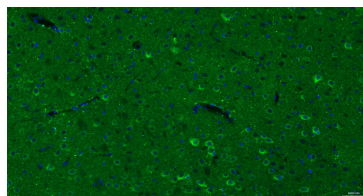
Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Parkin Monoclonal Antibody, Unconjugated(bsm-61396R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023)and DAB (C-0010) staining.



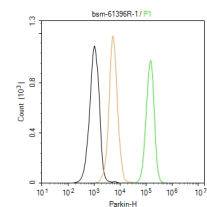
Paraformaldehyde-fixed, paraffin embedded Human Pancreatic Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Parkin Monoclonal Antibody, Unconjugated(bsm-61396R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023)and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Pancreatic Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Parkin Monoclonal Antibody, Unconjugated (bsm-61396R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Green, bs-0295G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Parkin Monoclonal Antibody, Unconjugated (bsm-61396R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Green, bs-0295G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.



The SH-SY5Y (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green):Rabbit Anti-Parkin antibody (bsm-61396R,1:100); Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

— SELECTED CITATIONS —

- **[IF=16]** Hao Ling. et al. Biomimetic Selenium-Encrusted Prussian Blue Nanozyme for Myocardial Infarction by Coordinated Enhancement of Mitophagy and Reactive Oxygen Species Scavenging. ACS NANO. 2026 Feb IHC,IF ;Rat. 41665146
- **[IF=4.8]** Hao Ling. et al. Chlorogenic acid modulates mitochondrial damage and mitophagy to repair injured myocardial tissue and cells. FRONT PHARMACOL. 2025 Oct;16: IF ;Rat. 41104339
- **[IF=4.2]** Hao Ling. et al. Oleuropein Modulates Mitophagy and Metabolism in Cardiomyocyte Via the PINK1/Parkin Signaling Pathway. DRUG DEVELOP RES. 2025 Sep;86(7):e70171 IF ;Rat. 41001689