

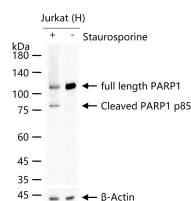
**bsm-52408R****[ Primary Antibody ]****Cleaved PARP1 p85 Recombinant Rabbit mAb****BioSS**  
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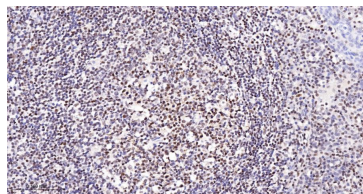
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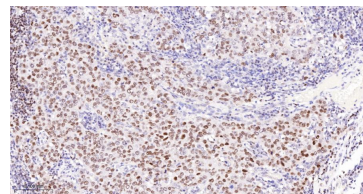
400-901-9800

**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 2A10**GeneID:** 142**SWISS:** P09874**Target:** Cleaved PARP1 p85**Immunogen:** A synthesized peptide derived from human PARP 1: 214-250.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** This gene encodes a chromatin-associated enzyme, poly(ADP-ribose)transferase, which modifies various nuclear proteins by poly(ADP-ribose)ylation. The modification is dependent on DNA and is involved in the regulation of various important cellular processes such as differentiation, proliferation, and tumor transformation and also in the regulation of the molecular events involved in the recovery of cell from DNA damage. In addition, this enzyme may be the site of mutation in Fanconi anemia, and may participate in the pathophysiology of type I diabetes. [provided by RefSeq, Jul 2008].**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (1:50-100)**ICC/IF** (1:50-200)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 89/113 kDa**Subcellular Location:** Nucleus**VALIDATION IMAGES**

Jurkat (H) cells were treated with or without Staurosporine (1 $\mu$ M) for 4 h, 25  $\mu$ g total protein per lane of cell lysates (see on figure) probed with Cleaved PARP1 p85 monoclonal antibody, unconjugated (bsm-52408R) 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 Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Cleaved PARP1 p85 Monoclonal Antibody, Unconjugated (bsm-52408R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Cleaved PARP1 p85 Monoclonal Antibody, Unconjugated (bsm-52408R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

**SELECTED CITATIONS**

- **[IF=5.572]** Miao Song. et al. Mitophagy alleviates AIF-mediated spleen apoptosis induced by AlCl<sub>3</sub> through Parkin stabilization in mice. FOOD CHEM TOXICOL. 2023 Jun;176:113762 WB ;Mouse. 37028746
- **[IF=4.432]** Luya Pu. et al. Icarin arrests cell cycle progression and induces cell apoptosis through the mitochondrial pathway in human fibroblast-like synoviocytes. Eur J Pharmacol. 2021 Dec;912:174585 WB ;Human. 34678240
- **[IF=4.145]** Kunlin Wu. et al. Histone deacetylase inhibitor panobinostat in combination with rapamycin confers enhanced efficacy against triple-negative breast cancer. EXP CELL RES. 2022 Sep;113362 WB ;Human. 36152730
- **[IF=3.5]** Ruixue Wang. et al. RecQ protein-like 4 drives cisplatin chemosensitivity of cervical cancer cells by modulating annexin A2. DRUG DEVELOP RES. 2024 Oct;85(7):e70003 WB ;Human. 39404003
- **[IF=4.1]** Tommaso Felicetti. et al. New Anti-ovarian cancer quinolone derivatives acting by modulating microRNA

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processing machinery. RSC MED CHEM. 2024 Sep;; WB ;Human. 39399313