

## Anti-PARP1 antibody (150-214) [S1MR] (STJ11101731)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

### PRODUCT PROPERTIES

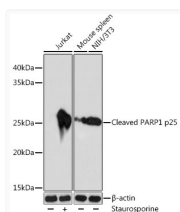
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 113kDa Observed Mw: 27kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

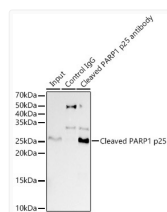
Gene ID	<a href="#">142</a>
Gene Symbol	<a href="#">PARP1</a>
UniProt ID	<a href="#">PARP1_HUMAN</a>
Immunogen Region	150-214
Immunogen Sequence	QLGMIDRWYHPGCFVKNREE LGFRPEYSASQLKGFSLLAT EDKEALKKQLPGVKSEGKRK GDEVD
Specificity	A synthetic peptide corresponding to a sequence within amino acids 150-214 of human Cleaved PARP1 p25 (P09874).

### ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of extracts of various cell lines, using Cleaved PARP1 p25 antibody (STJ11101731) at 1:1000 dilution. Jurkat cells were treated by Staurosporine (1uM) at room temperature for 3 hours. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunoprecipitation analysis of 600 Mu g extracts of Jurkat cells using 3 Mu g Cleaved PARP1 p25 antibody (STJ11101731). Western blot was performed from the immunoprecipitate using Cleaved PARP1 p25 antibody (STJ11101731) at a dilution of 1:500.