9853 Pacific Heights Blvd.
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Cleaved PARP (Asp214) (Clone: H8) rabbit mAb

Clonality :	Monoclonal
Clone Name :	PARP-H8
Application :	FACS, WB
Reactivity :	Human
Conjugate :	Unconjugated
Format :	Purified
Alternative Name :	Poly [ADP-ribose] polymerase 1, PARP-1, ADP-ribosyltransferase diphtheria toxin-like 1, ARTD1, NAD(+) ADP-ribosyltransferase 1, ADPRT 1
Isotype :	Rabbit IgG1k

Description

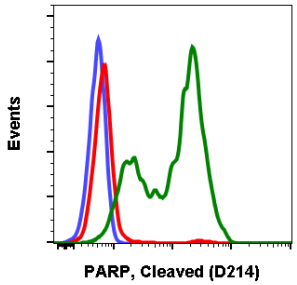
Poly-ADP-ribose polymerase 1 (PARP-1), is a substrate of caspase-3 and caspase-7, both of which play a dominant role in apoptosis. PARP is cleaved into 89 and 24 kDa fragments at Asp214. The detection of these fragments is used as an indicator of caspase activation and apoptosis induction for many cell lines. Under normal conditions, PARP aids in the detection and repair of DNA damage. With 1-2 million copies per nucleus, PARP is also involved in poly (ADP-ribosyl)ation, a post-translational protein modification mechanism used to modify chromatin structure and regulate transcription. Decreased PARP activity has been shown to lead to loss of memory and neuronal cell death.

Product Info

Amount :	200 l µl
Content :	1X PBS, 0.02% NaN3, 50% Glycerol, 0.1% BSA
Storage condition :	Store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

1µg/mL - 0.001µg/mL. It is recommended that the reagent be titrated for optimal performance for each application. See product image legends for additional information.(0.5mg/ml, more than 200 western blots)



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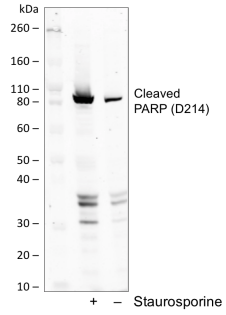

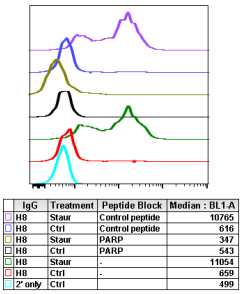

	IgG	Treatment	Peptide Block	Median : BL1-A
	H8	Staur	Control peptide	10765
	H8	Ctrl	Control peptide	616
	H8	Staur	PARP	347
	H8	Ctrl	PARP	543
	H8	Staur	.	11054
	H8	Ctrl	.	659
	2° only	Ctrl		499