

## anti- PARP1 antibody

### Product Information

Catalog No.:	FNab09939
Size:	100µg
Form:	liquid
Purification:	protein A+G purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	4A9
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

PARP1 (poly(ADP-ribose) polymerase 1) is a nuclear enzyme catalyzing the poly(ADP-ribosyl)ation of many key proteins in vivo. The normal function of PARP1 is the routine repair of DNA damage. Activated by DNA strand breaks, the PARP1 is cleaved into an 85 to 89-kDa COOH-terminal fragment and a 24-kDa NH2-terminal peptide by caspases during the apoptotic process. The appearance of PARP fragments is commonly considered as an important biomarker of apoptosis.

### Immunogen information

Immunogen:	poly (ADP-ribose) polymerase 1
Synonyms:	ADPRT, ADPRT 1, ADPRT1, pADPRT 1, PARP, PARP 1, PARP1, poly (ADP ribose) polymerase 1, Poly [ADP ribose] polymerase 1, Poly[ADP ribose] synthase 1, PPOL
Observed MW:	115 kDa, 89 kDa
Uniprot ID :	P09874

### Application

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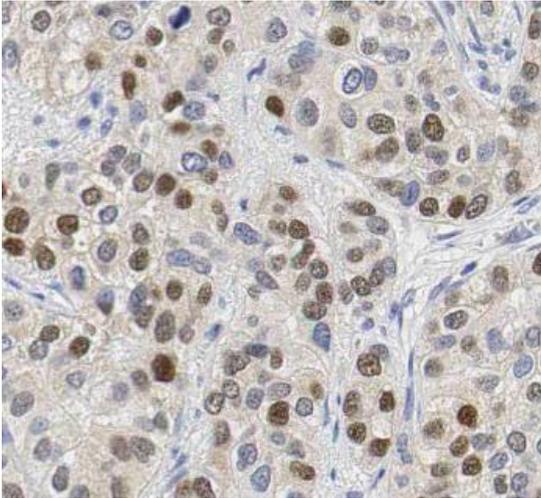
[www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse, Rat

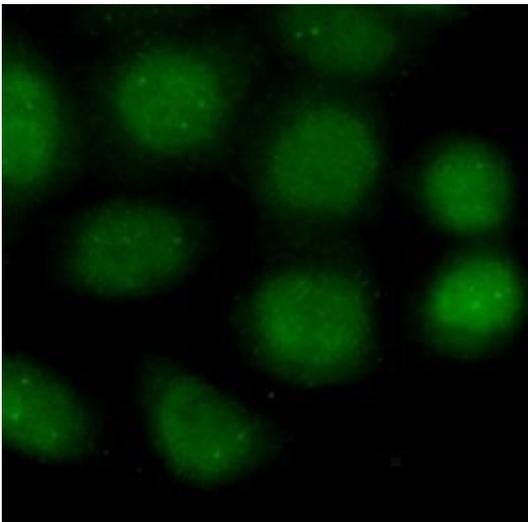
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:5000 - 1:30000; IHC: 1:100 - 1:1000; IF: 1:50 - 1:500

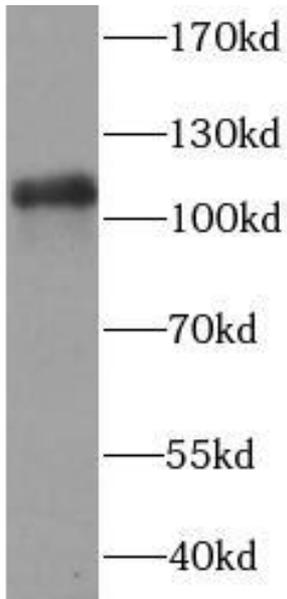
Image:



Immunohistochemistry of paraffin-embedded human breast cancer using FNab09939(PARP1 antibody) at dilution of 1:600



Immunofluorescent analysis of HeLa cells using FNab09939 (PARP1 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated Goat Anti-Mouse IgG(H+L)



HeLa cells were subjected to SDS PAGE followed by western blot with FNab09939(PARP1 Antibody) at dilution of 1:20000