

Catalog Number	PA-RR 000016
Batch Number(s):	PA-B-0001-RR-BARD1
Product Name	Rabbit anti-Human BARD1 Recombinant Monoclonal (BLR027N)

PRODUCT SPECIFICATION

Host	Rabbit
Colonicity	Recombinant Monoclonal
Subclass	IgG
Immunogen	Immunogen was a peptide in region between residue 757 and 807, referencing both Uniprot ID Q997285 and Gene ID 580
Conjugate	Unconjugated
Form	Liquid
Concentration	1.00 mg/mL
Purification	Affinity chromatography
Storage Buffer	Phosphate Buffer Saline, 10mM, pH 7.4
Preservative	Azide
Cryopreservative	Glycerol
Storage conditions	4°C. Avoid freeze/thaw cycles

APPLICATIONS

Western Blotting	1:250-1:1000
Immunocytochemistry / Microscopy	1:250-1:1000

PRODUCT DESCRIPTION

BARD1 (BRCA1-Associated RING Domain protein 1) interacts with and modulates the function of BRCA1 (Breast Cancer 1). It forms a heterodimeric complex with BRCA1, known as the BRCA1-BARD1 complex, which is crucial for the tumor-suppressive functions of both proteins. This complex possesses E3 ubiquitin ligase activity, which is involved in protein degradation and the regulation of cellular pathways. BARD1, in conjunction with BRCA1, plays a significant role in DNA repair processes.

Uniprot ID	Q99728
Gene ID	580
Gene Symbol	BARD1
Gene Aliases	BARD 1; BARD-1; BRCA1-associated RING domain gene 1; BRCA1-associated RING domain protein 1; RING-type E3 ubiquitin transferase BARD1

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