

Mouse anti-Human BARD1 Monoclonal Antibody | anti-BARD1 antibody

Mouse monoclonal antibody Anti-Human BARD1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36374	Mouse	Human	Western Blot, Immunoprecipitation, Dot Blot

PRODUCT SYNONYMS

BARD1; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human BARD1; Homo sapiens BRCA1 associated RING domain 1 (BARD1); mRNA; anti-BARD1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2059C4a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	5523
Applicable Applications for anti-BARD1 antibody	WB (Western Blot), IP (Immunoprecipitation), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



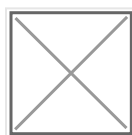
IP (Immunoprecipitation)

Immunoprecipitation: RIPA lysate of HeLa cells was incubated with anti-BARD1 mAb. [Lot No. 2059C4a-1] Predicted molecular weight: 86 kDa



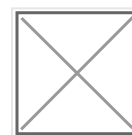
WB (Western Blot)

Detection of human BARD1 by Western blot. Samples: Whole cell lysate (50 ug) from A2059 cells. [Lot No. 2059C4a-1] Predicted molecular weight: 86 kDa



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-BARD1 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BARD1 antibody	BARD1 interacts with the N-terminal region of BRCA1. In addition to its ability to bind BRCA1 in vivo and in vitro, BARD1 shares homology with the 2 most conserved regions of BRCA1: the N-terminal RING motif and the C-terminal BRCT domain. The RING motif is a cysteine-rich sequence found in a variety of proteins that regulate cell growth, including the products of tumor suppressor genes and dominant protooncogenes. The BARD1 protein also contains 3 tandem ankyrin repeats. The BARD1/BRCA1 interaction is disrupted by tumorigenic amino acid substitutions in BRCA1, implying that the formation of a stable complex between these proteins may be an essential aspect of BRCA1 tumor suppression. BARD1 may be the target of oncogenic mutations in breast or ovarian cancer. [NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	543583785
NCBI GeneID	580
NCBI Accession #	NP_000456.2
NCBI GenBank Nucleotide #	NM_000465
Molecular Weight	14,362 Da
NCBI Official Full Name	Homo sapiens BRCA1 associated RING domain 1 (BARD1), transcript variant 1, mRNA
NCBI Official Synonym Full Names	BRCA1 associated RING domain 1
NCBI Official Symbol	BARD1
NCBI Protein Information	BRCA1-associated RING domain protein 1; BRCA1-associated RING domain gene 1
UniProt Protein Name	BRCA1-associated RING domain protein 1
UniProt Gene Name	BARD1
UniProt Entry Name	BARD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/bard1-antibody-clone-2059c4a-western-blot-immunoprecipitation-dot-blot-elisa/36374>