

Mouse BRCA1 Monoclonal Antibody | anti-BRCA1 antibody

BRCA1 Monoclonal Antibody

CATALOG # AAA47654	HOST Mouse	APPLICATIONS Immunoprecipitation, Immunoblot, Western Blot
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PRODUCT SYNONYMS

BRCA1; Monoclonal Antibody; BRCA1 Monoclonal Antibody; Anti-BRCA1; anti-BRCA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Specificity	This antibody recognizes full-length BRCA1, a 220 kD nuclear phosphoprotein. In a high proportion of breast and ovarian cancer cell lines, BRCA1 aberrantly mislocates to the cytoplasm. Its usefulness to monitor functional inactivation of BRCA1 in sporadic breast cancers is under active investigation.
Form/Format	100 ug Protein G purified antibody in PBS, pH 7.4
Sequence Length	1863
Applicable Applications for anti-BRCA1 antibody	IP (Immunoprecipitation), IB (Immunoblot)
Antigen	GST fusion protein expressed in E. coli corresponding to aa 341-748 of full-length BRCA1.
Stabilizer	None
Preservatives	None. Available on request.
Dilutions Instructions	Dilute in PBS or medium which is identical to that used in the assay system.
Preparation and Storage	Store at -20-70°C. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for anti-BRCA1 antibody	Cancer Research Products
References	Chen, Y et al. (1995) Science 270: 789-791; Chen, C-F et al. (1995) J Biol Chem 271: 32863-32868; Chen, Y et al. (1996) Cancer Res 56: 3168-3172.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1698399
NCBI GeneID	672
UniProt Accession #	P38398 ; O15129 ; Q3LRJ0 ; Q7KYU9 ; Q05BZ9 ; Q1RMC1 ; Q3B890 ; Q3B891 ; Q3LRH8 ; Q3LRJ6 ; Q3YB49 ; Q3YB50 ; Q3YB52
Molecular Weight	207,721 Da
NCBI Official Full Name	BRCA1

NCBI Official Synonym Full Names	breast cancer 1, early onset
NCBI Official Symbol	BRCA1
NCBI Official Synonym Symbols	IRIS; PSCP; BRCAI; BRCC1; PNCA4; RNF53; BROVCA1
NCBI Protein Information	breast cancer type 1 susceptibility protein; OTTHUMP00000212143; OTTHUMP00000212147; OTTHUMP00000212148; OTTHUMP00000212149; OTTHUMP00000212150; OTTHUMP00000212151; OTTHUMP00000212155; RING finger protein 53; BRCA1/BRCA2-containing complex, subunit 1; breast and ovarian cancer susceptibility protein 1; breast and ovarian cancer susceptibility protein
UniProt Protein Name	Breast cancer type 1 susceptibility protein
UniProt Gene Name	BRCA1
UniProt Synonym Gene Names	RNF53
UniProt Entry Name	BRCA1_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/brca1-antibody-immunoprecipitation-immunoblot-elisa/47654>