

Datasheet for ABIN7468065
anti-BRCA2 antibody (AA 2336-2478)



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Overview

Quantity:	100 µL
Target:	BRCA2
Binding Specificity:	AA 2336-2478
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BRCA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Amino acids 2336-2478 of human BRCA2 expressed in E. coli. BRCA2-P400.
Clone:	5F6
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Protein G purified

Target Details

Target:	BRCA2
Alternative Name:	BRCA2 DNA repair associated (BRCA2 Products)

Target Details

Background:	Synonyms: BRCA2 DNA repair associated , BRCC2 , BROVCA2 , FACD , FAD , FAD1 , FANCD , FANCD1 , GLM3 , PNCA2 , XRCC11 Background: Inherited mutations in BRCA1 and this gene, BRCA2, confer increased lifetime risk of developing breast or ovarian cancer. Both BRCA1 and BRCA2 are involved in maintenance of genome stability, specifically the homologous recombination pathway for double-strand DNA repair. The BRCA2 protein contains several copies of a 70 aa motif called the BRC motif, and these motifs mediate binding to the RAD51 recombinase which functions in DNA repair. BRCA2 is considered a tumor suppressor gene, as tumors with BRCA2 mutations generally exhibit loss of heterozygosity (LOH) of the wild-type allele. [provided by RefSeq, Dec 2008]
Molecular Weight:	384 kDa
Gene ID:	675
UniProt:	P51587
Pathways:	DNA Damage Repair , M Phase , Maintenance of Protein Location

Application Details

Application Notes:	Do not boil samples for longer than two minutes. For WB: Use at a concentration of 1-5 µg/mL. Predicted molecular weight: 380 kDa. Optimal dilutions/concentrations should be determined by the reseracher.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.