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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

BRCA2 monoclonal antibody (MA01), clone 3D12 (APC)

Catalog Number: H00000675-MA01

Regulation Status: For research use only (RUO)

Product Description: APC conjugated mouse monoclonal antibody raised against a partial recombinant BRCA2.

Clone Name: 3D12

Immunogen: BRCA2 (NP_000050, 3319 a.a. ~ 3418 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

SPQMTPFKKFNEISLLESNSIADEELALINTQALLSGST
GEKQFISVSESTRAPTSSDYLRRLKRRCTTSLIKEQE
SSQASTECEKKNKQDTITTKKYI

Host: Mouse

Interspecies Antigen Sequence: Mouse (48); Rat (50)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Conjugation: APC

Isotype: IgG3 Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to
avoid repeated freezing and thawing.

Entrez GeneID: 675

Gene Symbol: BRCA2

Gene Alias: BRCC2, FACD, FAD, FAD1, FANCB,
FANCD, FANCD1

Gene Summary: 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]