

À des fins de recherche uniquement

Anticorps Monoclonal anti-BRCA1

Numéro de catalogue: 66267-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 66267-1-Ig	Numéro d'acquisition GenBank: BC115037	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 672	CloneNo.: 20D7G6
Hôte: Mouse	Nom complet: breast cancer 1, early onset	
Isotype: IgG1	MW calculé: 1863 aa, 208 kDa	
Immunogen Catalog Number: AG19178	MW observés: 207 kDa	

Applications

Applications testées:
ELISA

Demandes citées:
IF

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

Informations générales

RCA1, also named as RNF53, plays a central role in DNA repair by facilitating cellular response to DNA repair. It is required for appropriate cell cycle arrests after ionizing irradiation in both the S-phase and the G2 phase of the cell cycle. The BRCA1-BARD1 heterodimer coordinates a diverse range of cellular pathways such as DNA damage repair, ubiquitination and transcriptional regulation to maintain genomic stability. BRCA1 acts by mediating ubiquitin E3 ligase activity that is required for its tumor suppressor function. It is involved in transcriptional regulation of P21 in response to DNA damage. BRCA1 is required for FANCD2 targeting to sites of DNA damage. It may function as a transcriptional regulator. BRCA1 inhibits lipid synthesis by binding to inactive phosphorylated ACACA and preventing its dephosphorylation. The antibody is specific to BRCA1. BRCA1 appears to produce multiple splice variants. BRCA1 is a nuclear protein with a molecular mass of 220 kDa. The present study describes the isolation and expression of two cDNAs of BRCA1, including a splice variant designated BRCA1D672-4095. BRCA1D672-4095 is generated by exclusion of exon 11 by in-frame splicing and produces a 97 kDa protein. In contrast to BRCA1, BRCA1D672-4095 localizes to the cytoplasm.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yang Yu	31636387	Oncogene	IF

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

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