



Anti-BRCC3 monoclonal antibody, clone FQS5476 (DCABH-124)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to BRCC36
Antigen Description	Metalloprotease that specifically cleaves Lys-63-linked polyubiquitin chains. Does not have activity toward Lys-48-linked polyubiquitin chains. Component of the BRCA1-A complex, a complex that specifically recognizes Lys-63-linked ubiquitinated histones H2A and H2AX at DNA lesions sites, leading to target the BRCA1-BARD1 heterodimer to sites of DNA damage at double-strand breaks (DSBs). In the BRCA1-A complex, it specifically removes Lys-63-linked ubiquitin on histones H2A and H2AX, antagonizing the RNF8-dependent ubiquitination at double-strand breaks (DSBs). Catalytic subunit of the BRISC complex, a multiprotein complex that specifically cleaves Lys-63-linked ubiquitin in various substrates. Mediates the specific Lys-63-specific deubiquitination associated with the COP9 signalosome complex (CSN), via the interaction of the BRISC complex with the CSN complex.
Immunogen	A synthetic peptide corresponding to residues in Human BRCC36.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS5476
Conjugate	Unconjugated
Applications	WB, IP, ICC
Positive Control	MCF7, SKBR3, 293T, Human fetal kidney and HeLa cell lysates.
Format	Liquid

Size	100 µl
Buffer	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
Preservative	0.1% Sodium Azide
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	BRCC3 BRCA1/BRCA2-containing complex, subunit 3 [Homo sapiens]
Official Symbol	BRCC3
Synonyms	BRCC3; BRCA1/BRCA2-containing complex, subunit 3; chromosome X open reading frame 53 , CXorf53; lys-63-specific deubiquitinase BRCC36; BRCC36; C6.1A; BRISC complex subunit BRCC36; BRCA1-A complex subunit BRCC36; BRCA1/BRCA2-containing complex subunit 36;
Entrez Gene ID	79184
Protein Refseq	NP_001018065
UniProt ID	P46736
Chromosome Location	Xq28
Function	enzyme regulator activity; metal ion binding; metallopeptidase activity; peptidase activity; polyubiquitin binding; protein binding; ubiquitin thiolesterase activity; ubiquitin-specific protease activity;