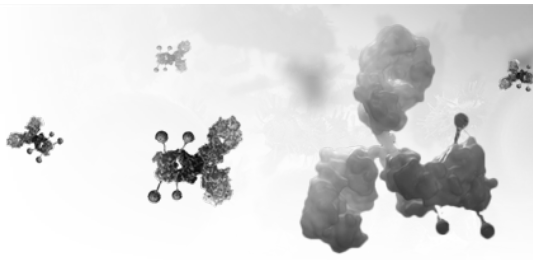

Human RAD51C blocking peptide (CDBP2459)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-RAD51C antibody
Antigen Description	This gene is a member of the RAD51 family. RAD51 family members are highly similar to bacterial RecA and Saccharomyces cerevisiae Rad51 and are known to be involved in the homologous recombination and repair of DNA. This protein can interact with other RAD51 paralogs and is reported to be important for Holliday junction resolution. Mutations in this gene are associated with Fanconi anemia-like syndrome. This gene is one of four localized to a region of chromosome 17q23 where amplification occurs frequently in breast tumors. Overexpression of the four genes during amplification has been observed and suggests a possible role in tumor progression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	RAD51C RAD51 homolog C (S. cerevisiae) [Homo sapiens]
Official Symbol	RAD51C

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Synonyms	RAD51C; RAD51 homolog C (S. cerevisiae); RAD51 (S. cerevisiae) homolog C; DNA repair protein RAD51 homolog 3; RAD51L2; R51H3; RAD51-like protein 2; yeast RAD51 homolog 3; RAD51 homolog C, isoform 1; FANCO; BROVCA3; MGC104277;
Entrez Gene ID	5889
mRNA Refseq	NM_002876
Protein Refseq	NP_002867
UniProt ID	O43502
Chromosome Location	17q25.1
Pathway	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Fanconi anemia pathway, organism-specific biosystem; Fanconi anemia pathway, conserved biosystem; Hemostasis, organism-specific biosystem; Homologous recombination, organism-specific biosystem; Homologous recombination, conserved biosystem; Meiosis, organism-specific biosystem;
Function	ATP binding; DNA binding; DNA-dependent ATPase activity; nucleoside-triphosphatase activity; nucleotide binding; protein binding;

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