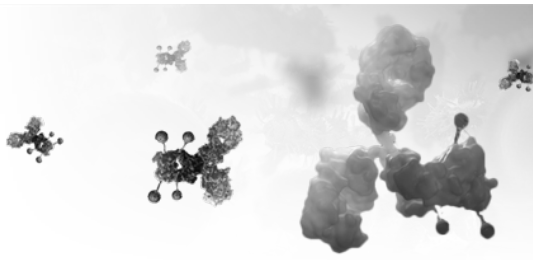

Human FANCM blocking peptide (CDBP1194)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-FANCM antibody
Antigen Description	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCJ (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCH is the same as FANCA. Fanconi anemia is a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. The members of the Fanconi anemia complementation group do not share sequence similarity; they are related by their assembly into a common nuclear protein complex. This gene encodes the protein for complementation group M.
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	FANCM Fanconi anemia, complementation group M [Homo sapiens]
Official Symbol	FANCM

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Synonyms	FANCM; Fanconi anemia, complementation group M; KIAA1596; Fanconi anemia group M protein; FAAP250; protein Hef ortholog; ATP-dependent RNA helicase FANCM; fanconi anemia-associated polypeptide of 250 kDa; MGC176453;
Entrez Gene ID	57697
mRNA Refseq	NM_020937
Protein Refseq	NP_065988
UniProt ID	Q8IYD8
Chromosome Location	14q21.3
Pathway	DNA Repair, organism-specific biosystem; FA core complex, organism-specific biosystem; Fanconi Anemia pathway, organism-specific biosystem; Fanconi anemia pathway, organism-specific biosystem; Fanconi anemia pathway, conserved biosystem;
Function	ATP binding; ATP-dependent helicase activity; DNA binding; chromatin binding; helicase activity; hydrolase activity; nuclease activity; nucleotide binding; protein binding;

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