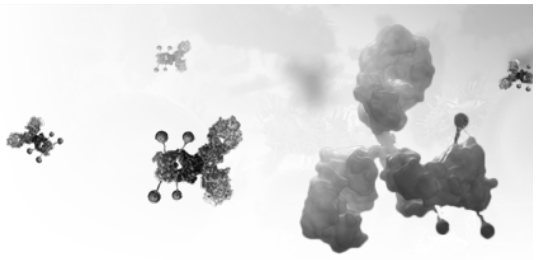

Goat anti-Human FANCM polyclonal antibody (DPAB-DC2608)

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

PRODUCT INFORMATION

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.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human FANCM. The sequence is C-DNNSELQDQITRD
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	0.02% Sodium Azide
Storage	Store at -20°C.Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FANCM Fanconi anemia, complementation group M [Homo sapiens (human)]
Official Symbol	FANCM
Synonyms	FANCM; Fanconi anemia, complementation group M; FAAP250; KIAA1596; Fanconi anemia group M protein; protein Hef ortholog; ATP-dependent RNA helicase FANCM; fanconi anemia-associated polypeptide of 250 kDa;
Entrez Gene ID	57697
Protein Refseq	NP_065988
UniProt ID	Q8IYD8
Chromosome Location	14q21.2
Pathway	DNA Repair; FA core complex; Fanconi anemia pathway;
Function	ATP binding; DNA binding; chromatin binding; helicase activity

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221