



Anti-FANCB monoclonal antibody (DCABH-11491)

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, FANCI (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 B. Alternative splicing results in two transcript variants encoding the same protein.
Immunogen	A synthetic peptide of human FANCB is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FANCB Fanconi anemia, complementation group B [Homo sapiens]
Official Symbol	FANCB
Synonyms	FANCB; Fanconi anemia, complementation group B; Fanconi anemia group B protein; FAAP95; FAB; FLJ34064; Fanconi anemia-associated polypeptide of 95 kDa; FA2; FACB; FAAP90;
Entrez Gene ID	2187
Protein Refseq	NP_001018123
UniProt ID	A0A024RBW1
Chromosome Location	Xp22.2
Pathway	DNA Repair, organism-specific biosystem; FA core complex, organism-specific biosystem; Fanconi Anemia pathway, organism-specific biosystem; Fanconi anemia pathway, conserved biosystem.