



Mouse anti-Human FANCF monoclonal antibody, clone 4D5 (CABT-B10229)

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

PRODUCT INFORMATION

Immunogen	FANCF (NP_073562, 1 a.a. ~ 92 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4D5
Conjugate	Unconjugated
Applications	IF,sELISA,ELISA
Sequence Similarities	MESLLQHLDRFSELLAVSSTTYVSTWDPATVRRALQWARYLRHIHRRFGRHGPRTALER RLHNQWRQEGGFGRGPVPGLANFQALGHCDV*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCI
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(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 F. [provided by RefSeq, Jul 2008]

Keywords	FANCF; Fanconi anemia, complementation group F; FAF; Fanconi anemia group F protein;
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GENE INFORMATION

Entrez Gene ID	2188
UniProt ID	Q9NPI8
Pathway	BARD1 signaling events, organism-specific biosystem; DNA Repair, organism-specific biosystem; Fanconi Anemia pathway, organism-specific biosystem
Function	molecular_function; protein binding
