

FANCB rabbit monoclonal antibody

Catalog # H00002187-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human FANCB peptide using ARM Technology.
Immunogen	A synthetic peptide of human FANCB is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human FANCB peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — FANCB

Entrez GeneID	2187
GeneBank Accession#	FANCB
Gene Name	FANCB
Gene Alias	FA2, FAAP90, FAAP95, FAB, FACB
Gene Description	Fanconi anemia, complementation group B
Omim ID	300514 300515 314390
Gene Ontology	Hyperlink
Gene Summary	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCIJ (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. [provided by RefSeq]
Other Designations	Fanconi anemia complementation group B OTTHUMP00000022953 type 2 Fanconi pancytopenia

Disease

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- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Neoplastic Syndromes](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)