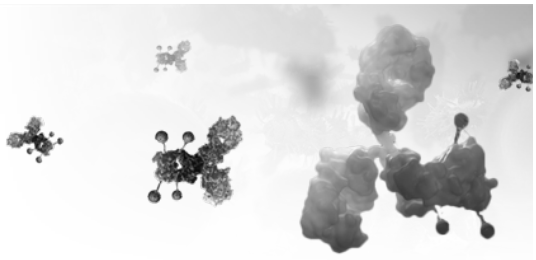

# Mouse anti-Human FANCB monoclonal antibody, clone 3C21 (CABT-B10228)

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

## PRODUCT INFORMATION

| | |
|---|---|
| **Immunogen** | FANCB (NP_689846, 750 a.a. ~ 859 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Isotype** | IgG2a |
| **Source/Host** | Mouse |
| **Species Reactivity** | Human |
| **Clone** | 3C21 |
| **Conjugate** | Unconjugated |
| **Applications** | WB,sELISA,ELISA |
| **Sequence Similarities** | GSENFLIDNMAFTLEKELVTLSSLSSAIAKHESNFMQRCEVSKGKSSVVAAALSDRRENI HPYRKELQREKKKMLQTNLKVSGALYREITLKVAEVQLKSDFAAQKLSN* |
| **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

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| **Introduction** | The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCJ |

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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 B. Alternative splicing results in two transcript variants encoding the same protein. [provided by RefSeq, Jul 2008] |
| **Keywords** | FANCB; Fanconi anemia, complementation group B; FA2; FAB; FACB; FAAP90; FAAP95; Fanconi anemia group B protein; Fanconi anemia-associated polypeptide of 95 kDa; |

# GENE INFORMATION

| | |
|---|---|
| **Entrez Gene ID** | 2187 |
| **UniProt ID** | Q8NB91 |
| **Pathway** | DNA Repair, organism-specific biosystem; Fanconi Anemia pathway, organism-specific biosystem |

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