# Anti-FANCB [M38P3E10]

Catalogue number: 152796 Sub-type: Primary antibody Images:

### Contributor

Inventor: Ayham Alnabulsi Institute: Vertebrate Antibodies Limited Images:

### **Tool details**

#### **\*FOR RESEARCH USE ONLY**

Name: Anti-FANCB [M38P3E10]

ols.org Alternate name: FA2, FAAP9, FAAP95, FAB, FACB, Fancb, FANCB\_HUMAN, Fanconi anemia associated polypeptide of 95 kDa, Fanconi anemia group B protein, Fanconi anemia, complementation group B, Fanconi anemia-associated polypeptide of 95 kDa, Protein FACB

#### Class: Monoclonal

Conjugate: Unconjugated

**Description:** FANCB is a DNA repair protein required for FANCD2 ubiquitination. Defects in FANCB are the cause of Fanconi anemia complementation group B (FANCB), a disorder affecting all bone marrow elements and resulting in anemia, leukopenia and thrombopenia. It is associated with cardiac, renal and limb malformations, dermal pigmentary changes, and a predisposition to the development of malignancies. At the cellular level it is associated with hypersensitivity to DNA-damaging agents, chromosomal instability (increased chromosome breakage) and defective DNA repair.

**Purpose:** Parental cell: **Organism: Tissue:** Model: Gender: Isotype: IgG1 kappa Reactivity: Human Selectivity: Host: Mouse Immunogen: Ovalbumin-conjugated synthetic peptide- DRRENIHPYR Immunogen UNIPROT ID: Sequence: Growth properties:

Production details: Formulation: **Recommended controls:** IHC: formalin-fixed, paraffin-embedded multi tumour tissue microarray **Bacterial resistance:** Selectable markers: Additional notes:

# **Target details**

**Target:** Fanconi Anemia, Complementation Group B (FANCB)

#### **Target alternate names:**

Target background: FANCB is a DNA repair protein required for FANCD2 ubiquitination. Defects in FANCB are the cause of Fanconi anemia complementation group B (FANCB), a disorder affecting all bone marrow elements and resulting in anemia, leukopenia and thrombopenia. It is associated with cardiac, renal and limb malformations, dermal pigmentary changes, and a predisposition to the development of malignancies. At the cellular level it is associated with hypersensitivity to DNA-La Cancer Cons damaging agents, chromosomal instability (increased chromosome breakage) and defective DNA repair.

#### Molecular weight: 98 kDa

Ic50:

# **Applications**

Application: ELISA ; IHC ; WB **Application notes:** 

# Handling

Format: Liquid Concentration: 1 mg/ml Passage number: Growth medium: **Temperature:** Atmosphere: Volume: Storage medium: Storage buffer: PBS with 0.02% azide Storage conditions: -15° C to -25° C Shipping conditions: Shipping at 4° C

### **Related tools**

**Related tools:** 

References

**References:** 

