

Anti-FANCM [M40-P2C6]

Catalogue number: 151876

Sub-type: Primary antibody

Images:

Contributor

Inventor: Ayham Alnabulsi

Institute: Vertebrate Antibodies Limited

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-FANCM [M40-P2C6]

Alternate name: Fanconi Anemia Complementation Group M; KIAA1596; Fanconi Anemia-Associated Polypeptide Of 25 Kda; ATP-Dependent RNA Helicase FANCM; Protein Hef Ortholog; FAAP25

Class: Monoclonal

Conjugate: Unconjugated

Description: Fanconi Anemia, Complementation Group M (FANC-M) is an ATPase required for FANCD2 ubiquitination, a key reaction in DNA repair that binds to ssDNA but not to dsDNA. Mutations in the FANCM are associated with Fanconi anemia, a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. Mutations in the Fanconi anemia DNA repair pathway have been implicated in familial breast cancer risk.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 kappa

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Peptide Sequence - MLPNDLNQDR (amino acids 2069 -2078)

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: ELISA- Peptide immunogen Western Blot- Hela membrane cell extract IF- Hela cells

Bacterial resistance:**Selectable markers:****Additional notes:**

Target details

Target: Fanconi Anemia, Complementation Group M (FANC-M)

Target alternate names:

Target background: Fanconi Anemia, Complementation Group M (FANC-M) is an ATPase required for FANCD2 ubiquitination, a key reaction in DNA repair that binds to ssDNA but not to dsDNA. Mutations in the FANCM are associated with Fanconi anemia, a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. Mutations in the Fanconi anemia DNA repair pathway have been implicated in familial breast cancer risk.

Molecular weight:**Ic50:**

Applications

Application: ELISA ; IF ; 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:

CancerTools.org