

# Anti-FANCM [CV5.1] rAb

**Catalogue number:** 154823

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Stephen West

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**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-FANCM [CV5.1] rAb

**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:** Recombinant

**Conjugate:** Unconjugated

**Description:** Fanconi anemia, complementation group M. Fanconi anemia-associated polypeptide of 250 kDa. ATPase required for FANCD2 ubiquitination, a key reaction in DNA repair. Binds to ssDNA but not to dsDNA. Recruited to forks stalled by DNA interstrand cross-links, and required for cellular resistance to such lesions.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1 kappa

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** His-tagged denatured FANCM (aa 1507-1679) made in E.coli

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

293 cell extract

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Human FANCM (Fanconi anemia, complementation group M)

**Target alternate names:**

**Target background:** Fanconi anemia, complementation group M. Fanconi anemia-associated polypeptide of 250 kDa. ATPase required for FANCD2 ubiquitination, a key reaction in DNA repair. Binds to ssDNA but not to dsDNA. Recruited to forks stalled by DNA interstrand cross-links, and required for cellular resistance to such lesions.

**Molecular weight:**

**Ic50:**

## Applications

**Application:**

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** A case of a CD56-expressing ectomesenchymal chondromyxoid tumor of the tongue: potential diagnostic usefulness of commonly available CD56 over CD57 ; A new monoclonal antibody to epithelial membrane antigen (EMA)-E29. A comparison of its immunocytochemical reactivity with polyclonal anti-EMA antibodies and with another monoclonal antibody, HMFG-2. ; Ando et al. 2015. Head Neck. :. PMID: 25782598. ; Cordell et al. 1985. Br J Cancer. 52(3):347-54. PMID: 3899155. ; Genome-wide transcript profiling reveals novel breast cancer-associated intronic sense RNAs. ; Habougit et al. 2015. Int J Surg Pathol. :. PMID: 26113666. ; Heyderman et al. 1985. Br J Cancer. 52(3):355-61. PMID: 3899156. ; Invasive micropapillary mucinous carcinoma of the breast is associated with poor prognosis. ; Kim et al. 2015. PLoS One. 10(3):e0120296. PMID: 25798919. ; Liu et al. 2015. Breast Cancer Res Treat. 151(2):443-51. PMID: 25953688. ; Maxillary carcinosarcoma: Identification of a novel MET mutation in both carcinomatous and sarcomatous components through next generation sequencing. ; Mediastinal Mature Teratoma With Malignant Carcinomatous Transformation (Somatic-Type Malignancy) With Metastatic Course. ; MUC1 (EMA) is preferentially expressed by ALK positive anaplastic large cell lymphoma, in the normally glycosylated or only partly hypoglycosylated form. ; Ohlmann et al. 2015. Ann Diagn Pathol. :. PMID: 25990776. ; Production of monoclonal antibodies against human epithelial membrane antigen for use in diagnostic immunocytochemistry. ; Sclerosing epithelioid fibrosarcoma of the kidney: clinicopathologic and molecular study of a rare neoplasm at a novel location. ; ten Berge et al. 2001. J Clin Pathol. 54(12):933-9. PMID: 11729213. ; Tissue factor-bearing microparticles and CA19.9: two players in pancreatic cancer-associated thrombosis? ; Woei-A-Jin et al. 2016. Br J Cancer. :. PMID: 27404454.