

FANCM Rabbit mAb

Catalog No.: A22959 **Recombinant**

Basic Information

Observed MW

230kDa

Calculated MW

232kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Human

CloneNo number

ARC3163

Background

The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCI (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCI 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 M. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

57697

Swiss Prot

Q8IYD8

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

POF15; SPGF28; FAAP250; KIAA1596; FANCM

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

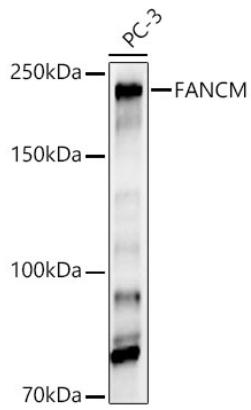
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: 10 mM sodium HEPES and 150 mM NaCl with proclin300 or sodium azide (as specified on the Certificate of Analysis), 100 µg/ml BSA, 50% Glycerol, pH 7.5

Validation Data



Western blot analysis of lysates from PC-3 cells, using FANCM Rabbit mAb (A22959) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.