

Product datasheet

Anti-FANCM antibody ab167214

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Overview

Product name	Anti-FANCM antibody
Description	Mouse polyclonal to FANCM
Host species	Mouse
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human Does not react with: Arabidopsis thaliana
Immunogen	Recombinant full length protein corresponding to amino acids 1-669 of Human FANCM (AAH36056.1, UniProt ID: Q8YD8-2). Run BLAST with ExpASY Run BLAST with NCBI
Positive control	Recombinant Human FANCM protein (ab132334) can be used as a positive control in WB. Lysate from 293T cells transfected with FANCM; HeLa cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.4 Constituent: 99% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab167214 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 76 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

Target

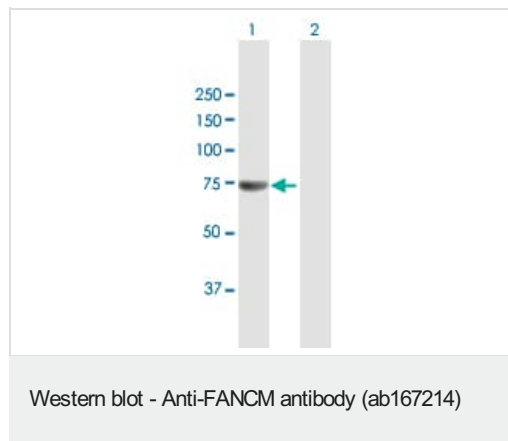
Relevance

FANCM is an ATPase required for FANCD2 ubiquitination, a key reaction in DNA repair. It binds to ssDNA but not to dsDNA.

Cellular localization

Nuclear

Images

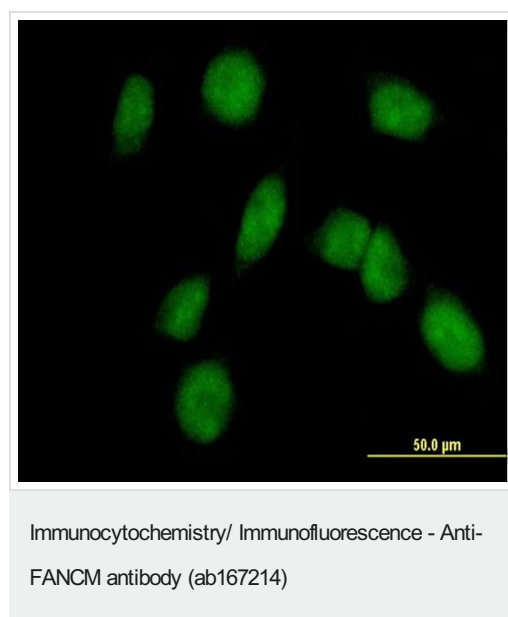


All lanes : Anti-FANCM antibody (ab167214) at 1 µg/ml

Lane 1 : Lysate from 293T cells transfected with FANCM

Lane 2 : Non-transfected 293T cell lysate

Predicted band size: 76 kDa



Immunofluorescence analysis of paraformaldehyde-fixed HeLa cells, labeling FANCM using ab167214 at 10 µg/ml.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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