

### Anti-FANCC antibody ab5065

★★★★★ [6 Abreviews](#) [2 References](#) [2 图像](#)

#### 概述

产品名称	Anti-FANCC抗体
描述	兔多克隆抗体to FANCC
宿主	Rabbit
特异性	Detects a band at 60kDa in Hela cell lysate corresponding to FANCC.
经测试应用	<b>适用于:</b> ICC/IF, WB
种属反应性	<b>与反应:</b> Human <b>不与反应:</b> Mouse
免疫原	Synthetic peptide: CLINKEPQNSGSKLNS , corresponding to amino acids 96 - 112 of Human FANCC. <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>

#### 常规说明

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.

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

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.878% Sodium chloride
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab5065于以下的经测试应用

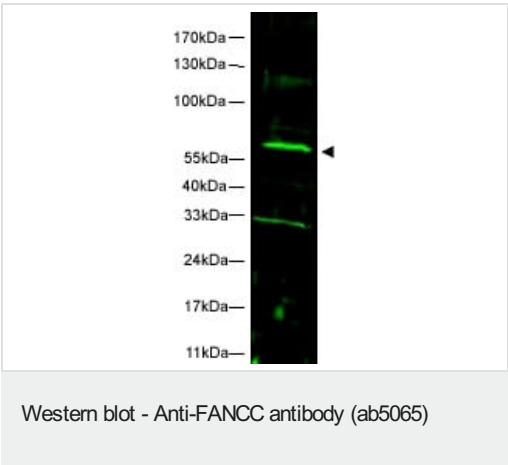
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 5 µg/ml.
WB	★★★★★ (6)	1/500 - 1/2000. Detects a band of approximately 60 kDa (predicted molecular weight: 63 kDa).

靶标

功能	DNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. May be implicated in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability. Upon IFNG induction, may facilitate STAT1 activation by recruiting STAT1 to IFNGR1.
组织特异性	Ubiquitous.
疾病相关	Defects in FANCC are the cause of Fanconi anemia complementation group C (FANCC) [MIM:227645]. 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.
发展阶段	Expression increases during S phase, is maximal at the G2/M transition, and declines during M phase (at protein level).
细胞定位	Nucleus. Cytoplasm. The major form is nuclear. The minor form is cytoplasmic.

图片

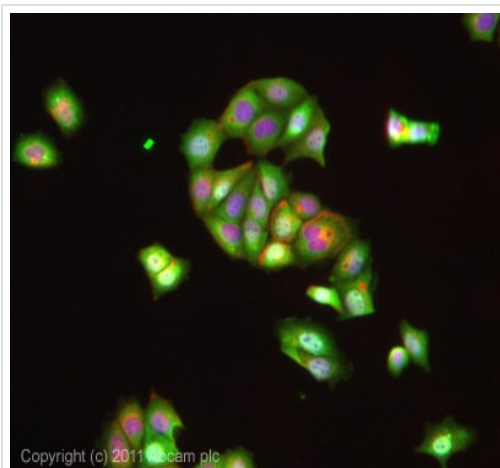


Anti-FANCC antibody (ab5065) at 1/1500 dilution + HeLa whole cell lysate at 35 µg

**Secondary**  
IRDye 800 conjugated Goat anti-Rabbit IgG [H&L] at 1/10000 dilution

**Predicted band size:** 63 kDa  
**Observed band size:** 60 kDa  
**Additional bands at:** 33 kDa. We are unsure as to the identity of these extra bands.

Primary antibody incubated with PBS supplemented with 1% normal goat serum and 0.1% milk.



Immunocytochemistry/ Immunofluorescence - Anti-FANCC antibody (ab5065)

ICC/IF image of ab5065 stained MCF7 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab5065, 5µg/ml) overnight at +4°C. The secondary antibody (green) was **ab96899**, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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

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