

**FANCC Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9522b****Specification**

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**FANCC Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q00597](#)

**FANCC Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 2176

**Other Names**

Fanconi anemia group C protein, Protein FACC, FANCC, FAC, FACC

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**FANCC Antibody (C-term) Blocking Peptide - Protein Information**

**Name** FANCC

**Synonyms** FAC, FACC

**Function**

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.

**Cellular Location**

Nucleus. Cytoplasm. Note=The major form is nuclear. The minor form is cytoplasmic

**Tissue Location**

Ubiquitous.

**FANCC Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **FANCC Antibody (C-term) Blocking Peptide - Images**

#### **FANCC Antibody (C-term) Blocking Peptide - Background**

The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCJ (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCH 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 protein is for complementation group C.

#### **FANCC Antibody (C-term) Blocking Peptide - References**

Barroso, E., et al. Breast Cancer Res. Treat. 118(3):655-660(2009) McWilliams, R.R., et al. Cancer Epidemiol. Biomarkers Prev. 18(9):2549-2552(2009) Michiels, S., et al. Carcinogenesis 30(5):763-768(2009) Palmieri, R.T., et al. Cancer Epidemiol. Biomarkers Prev. 17(12):3567-3572(2008) Sinha, S., et al. Mol. Cancer 7, 84 (2008) :