

**CFHR5 Antibody (Center) Blocking peptide**  
Synthetic peptide  
Catalog # BP5689c**Specification****CFHR5 Antibody (Center) Blocking peptide - Product Information**Primary Accession [Q9BXR6](#)  
Other Accession [NP\\_110414.1](#)**CFHR5 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 81494**Other Names**Complement factor H-related protein 5,  
FHR-5, CFHR5, CFHL5, FHR5**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.

**CFHR5 Antibody (Center) Blocking peptide - Protein Information****Name** CFHR5**Synonyms** CFHL5, FHR5**Function**

Involved in complement regulation. The dimerized forms have avidity for tissue-bound complement fragments and efficiently compete with the physiological complement inhibitor CFH.

**Cellular Location****CFHR5 Antibody (Center) Blocking peptide - Background**

CFHR5 is a member of a small complement factor H (CFH) gene cluster on chromosome 1. Each member of this gene family contains multiple short consensus repeats (SCRs) typical of regulators of complement activation. The protein encoded by this gene has nine SCRs with the first two repeats having heparin binding properties, a region within repeats 5-7 having heparin binding and C reactive protein binding properties, and the C-terminal repeats being similar to a complement component 3b (C3b) binding domain. This protein co-localizes with C3, binds C3b in a dose-dependent manner, and is recruited to tissues damaged by C-reactive protein. Allelic variations in this gene have been associated, but not causally linked, with two different forms of kidney disease: membranoproliferative glomerulonephritis type II (MPGNII) and hemolytic uraemic syndrome (HUS). [provided by RefSeq].

**CFHR5 Antibody (Center) Blocking peptide - References**

McRae, J.L., et al. *Genetica* 114(2):157-161(2002)  
Murphy, B., et al. *Am. J. Kidney Dis.* 39(1):24-27(2002)  
Narkio-Makela, M., et al. *Clin. Immunol.* 100(1):118-126(2001)  
McRae, J.L., et al. *J. Biol. Chem.* 276(9):6747-6754(2001)

Secreted.

**Tissue Location**

Expressed by the liver and secreted in plasma.

**CFHR5 Antibody (Center) Blocking peptide  
- Protocols**

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

- [Blocking Peptides](#)