

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.

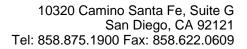
Cellular Location

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 ofregulators of complement activation. The protein encoded by thisgene has nine SCRs with the first two repeats having heparinbinding properties, a region within repeats 5-7 having heparinbinding and C reactive protein binding properties, and theC-terminal repeats being similar to a complement component 3 b(C3b) binding domain. This protein co-localizes with C3, binds C3bin a dose-dependent manner, and is recruited to tissues damaged by C-reactive protein. Allelic variations in this gene have beenassociated, but not causally linked, with two different forms ofkidney disease: membranoproliferative glomerulonephritis type II(MPGNII) and hemolytic uraemic syndrome (HUS). [provided byRefSeq].

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