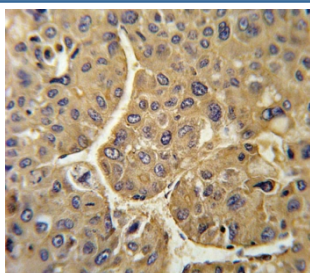


## FHR-5 Antibody / Complement factor H-related protein 5 / CFHR5 (F54834)

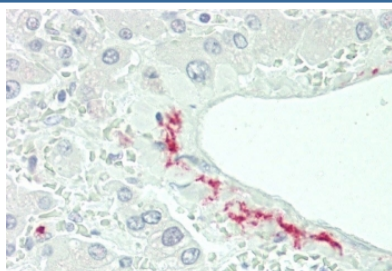
Catalog No.	Formulation	Size
F54834-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54834-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

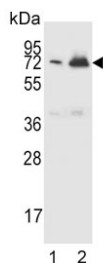
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	Q9BXR6
<b>Applications</b>	Flow Cytometry : 1:10-1:50 (1x10 <sup>6</sup> cells) Immunohistochemistry (FFPE) : 1:5-1:100 Western Blot : 1:500-1:1000
<b>Limitations</b>	This FHR-5 antibody is available for research use only.



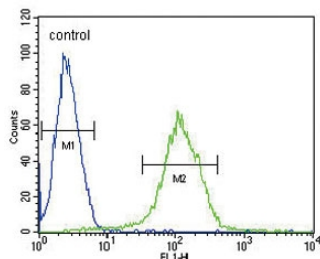
IHC testing of FFPE human hepatocellular carcinoma tissue with FHR-5 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human liver tissue with FHR-5 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human 1) CCR5-CEM and 2) K562 cell lysate with FHR-5 antibody. Predicted molecular weight ~64 kDa.



Flow cytometry testing of human CCR5-CEM cells with FHR-5 antibody; Blue=isotype control, Green= FHR-5 antibody.

## Description

CFHR5 / FHR-5 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 3 b (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].

## Application Notes

The stated application concentrations are suggested starting points. Titration of the FHR-5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 203-231 from the human protein was used as the immunogen for the FHR-5 antibody.

## Storage

Aliquot the FHR-5 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.