

Mouse anti-Human, Mouse CFHR5 Monoclonal Antibody | anti-CFHR5 antibody

CFHR5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29902	Mouse	Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

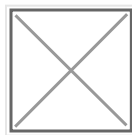
PRODUCT SYNONYMS

CFHR5; Monoclonal Antibody; CFHR5 Antibody; CFHL5 antibody; CFHR5 antibody; CFHR5D antibody; Complement factor H-related 5 antibody; Complement factor H-related protein 5 antibody; factor H-related gene 5 antibody; factor H-related protein 5 antibody; FHR-5 antibody; FHR5 antibody; FHR5_HUMAN antibody; FLJ10549 antibody; MGC133240 antibody; OTTHUMP00000034672 antibody; anti-CFHR5 antibody

PRODUCT SPECIFICATIONS

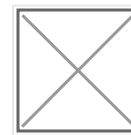
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CFHR5 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:200
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



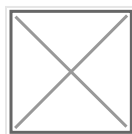
FCM (Flow Cytometry)

Flow cytometric analysis of HeLa cells with CFHR5 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).



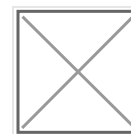
ICC (Immunocytochemistry)

ICC staining CFHR5 (green) and Actin filaments (red) in HeLa cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissue using anti-CFHR5 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue using anti-CFHR5 antibody. Counter stained with hematoxylin.

**WB (Western Blot)**

Western blot analysis of CFHR5 on different cell lysate using anti-CFHR5 antibody at 1/1, 000 dilution. Positive control: 1/2 1/2 Lane1: HepG2 Lane2: K562 Lane3: L-02 Lane4: SK-Hep-1 Lane5: SMMC-7721 Lane6: NIH/3T3

**WB (Western Blot)**

Western blot analysis of CFHR5 on HEK293 (1) and CFHR5-hlgGfc transfected HEK293 (2) cell lysate using anti-CFHR5 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CFHR5 antibody	Involved in complement regulation. The dimerized forms have avidity for tissue-bound complement fragments and efficiently compete with the physiological complement inhibitor CFH. This gene 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).
Product Categories/Family for anti-CFHR5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	13540563
NCBI GeneID	81494
NCBI Accession #	NP_110414
NCBI GenBank Nucleotide #	NM_030787
UniProt Accession #	Q9BXR6; Q2NKK2
Molecular Weight	64,419 Da
NCBI Official Full Name	complement factor H-related protein 5
NCBI Official Synonym Full Names	complement factor H-related 5
NCBI Official Symbol	CFHR5
NCBI Official Synonym Symbols	FHR5; CFHL5; FHR-5; CFHR5D
NCBI Protein Information	complement factor H-related protein 5
UniProt Protein Name	Complement factor H-related protein 5
UniProt Gene Name	CFHR5
UniProt Synonym Gene Names	CFHL5; FHR5; FHR-5
UniProt Entry Name	FHR5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cfhr5-antibody-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/29902>