

Anti-FHR-5 Antibody

Catalog # AP95769

Product Information

Application	WB, IHC, FC, IF/IC
Primary Accession	Q9BXR6
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	64419

Additional Information

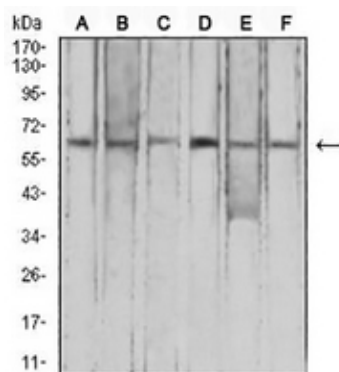
Gene ID	81494
Other Names	CFHL5; FHR5; Complement factor H-related protein 5; FHR-5
Target/Specificity	Recombinant fusion protein of human FHR-5 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200) IF/IC~~N/A
Format	Mouse IgG2a. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

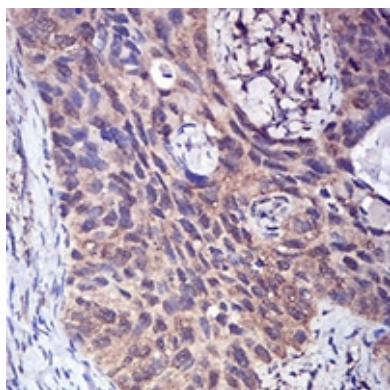
Name	CFHR5
Synonyms	CFHL5, FHR5
Function	Involved in complement regulation. The dimerized forms have avidity for tissue-bound complement fragments and efficiently compete with the physiological complement inhibitor CFH.
Cellular Location	Secreted.
Tissue Location	Expressed by the liver and secreted in plasma.

Images

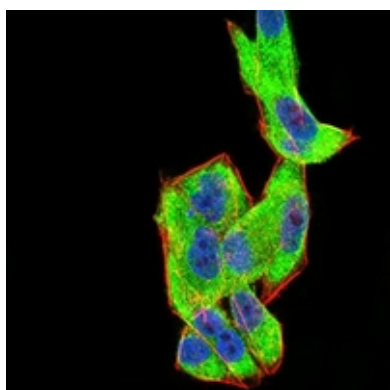
Western blot analysis of FHR-5 expression in HepG2 (A), K562 (B), L02 (C), SKHep1 (D), SMMC7721 (E), NIH/3T3 (F) whole cell lysates. (Predicted band size: 64 kD; Observed



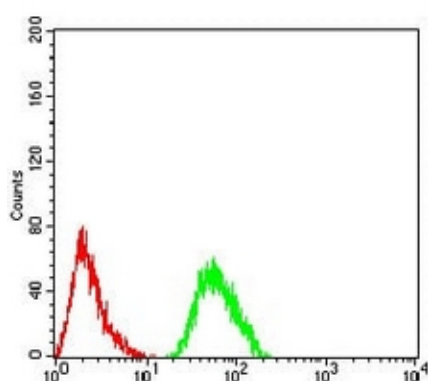
band size: 64 kD)



Immunohistochemical analysis of FHR-5 staining in human cervical cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of FHR-5 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Flow cytometric analysis of HeLa cells using Anti-FHR-5 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.