Product Datasheet

Factor H Rabbit mAb

Catalog No: #49587

Package Size: #49587-1 50ul #49587-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

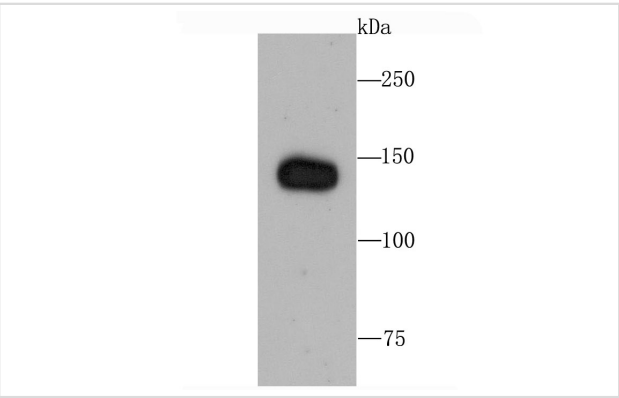
Description

Product Name	Factor H Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JA52-13
Purification	ProA affinity purified
Applications	WB, ICC
Species Reactivity	Hu
Immunogen Description	recombinant protein
Other Names	adrenomedullin binding protein antibody age related maculopathy susceptibility 1 antibody AHUS 1 antibody AHUS1 antibody AMBP 1 antibody AMBP1 antibody ARMD 4 antibody ARMD4 antibody ARMS 1 antibody ARMS1 antibody beta 1 H globulin antibody beta 1H antibody beta1H antibody CFAH_HUMAN antibody CFH antibody CFHL 3 antibody CFHL3 antibody Complement factor H antibody complement factor H, isoform b antibody Factor H antibody factor H like 1 antibody FH antibody FHL 1 antibody FHL1 antibody H factor 1 (complement) antibody H factor 1 antibody H factor 2 (complement) antibody HF 1 antibody HF 2 antibody HF antibody HF1 antibody HF2 antibody HUS antibody MGC88246 antibody
Accession No.	Swiss-Prot#:P08603
Uniprot	P08603
GeneID	3075;
Calculated MW	140 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

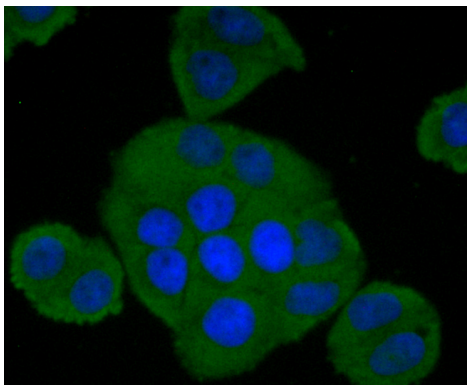
Application Details

WB: 1:500-1:2,000 ICC: 1:50-1:200

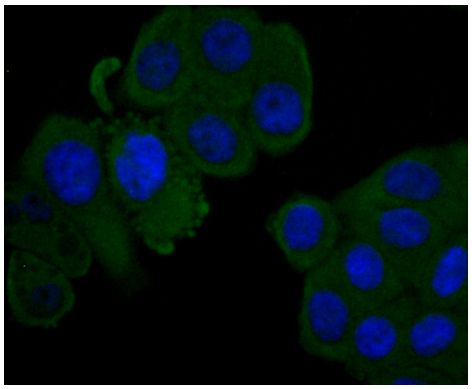
Images



Western blot analysis of Factor H on human lung tissue lysate using anti-Factor H antibody at 1/1,000 dilution.



ICC staining Factor H in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Factor H in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

The Factor H gene family is a multidomain, multifunctional protein family whose individual members are defined by conserved structural elements, which display diverse yet often overlapping functions. These proteins share a common structural motif, the short consensus repeat (SCR), which is structurally conserved among related genes and between phylogenetically divergent species. The human complement Factor H (FH, CFH, HUS, b-1H) gene encodes a 1213 amino acid serum glycoprotein which is arranged into 20 SCRs, each approximately 60 amino acids long, and an 18-residue leader sequence. Factor H controls the function of the alternative complement pathway and acts as a cofactor with Factor I (C3b inactivator). In addition, Factor H has functional activity outside of the complement system, where it can bind to the cellular integrin receptor (CD11b/CD18), interact with cell surface glycosaminoglycans and associate with the surface of certain pathogenic microorganisms. Deficiencies in Factor H is a common characteristic of acute renal disease.

References

Note: This product is for in vitro research use only