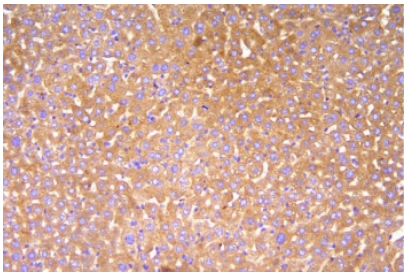
Cfh Antibody / Factor H (RQ5805)

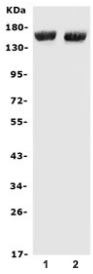
Catalog No.	Formulation	Size
RQ5805	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

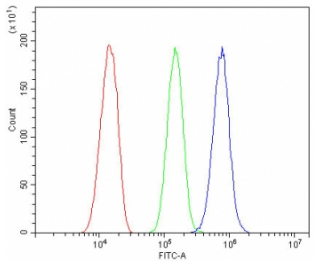
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P06909
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry: 1-2ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This Cfh antibody is available for research use only.



IHC staining of FFPE mouse liver with Cfh antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) mouse liver and 2) rat liver lysate with Cfh antibody. Predicted molecular weight ~139 kDa but may be observed at a higher molecular weight due to glycosylation.



Flow cytometry testing of mouse HEPA1-6 cells with Cfh antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Cfh antibody.

Description

Factor H is a member of the regulators of complement activation family and is a complement control protein. This gene is a member of the Regulator of Complement Activation (RCA) gene cluster and encodes a protein with twenty short consensus repeat (SCR) domains. This protein is secreted into the bloodstream and has an essential role in the regulation of complement activation, restricting this innate defense mechanism to microbial infections. Mutations in this gene have been associated with hemolytic-uremic syndrome (HUS) and chronic hypocomplementemic nephropathy. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Application Notes

Optimal dilution of the Cfh antibody should be determined by the researcher.

Immunogen

Recombinant mouse protein (amino acids N136-T447) was used as the immunogen for the Cfh antibody.

Storage

After reconstitution, the Cfh antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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