

Datasheet: 4400-9504

Description:	SHEEP ANTI HUMAN COMPLEMENT FACTOR H
Specificity:	COMPLEMENT FACTOR H
Other names:	H FACTOR 1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen			▪	
ELISA	▪			
Western Blotting			▪	
Immunodiffusion	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Human
Species Cross Reactivity	Reacts with: Guinea Pig, Dog, Horse, Rat, Mouse, Cat Does not react with: Goat, Bovine, Chicken, Rabbit, Pig, Bovine N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Ig fraction - liquid
Preparation	Ig fraction prepared by ammonium sulphate precipitation and ion exchange chromatography.
Buffer Solution	Glycine buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 0.1% EACA 0.01% Benzamidine 1mM EDTA
Immunogen	Human Factor H, purified from plasma.
External Database Links	UniProt:

[P08603](#) [Related reagents](#)

Entrez Gene:

[3075](#) CFH [Related reagents](#)

Synonyms HF, HF1, HF2

RRID AB_620400

Specificity **Sheep anti Human complement Factor H antibody** recognizes human Factor H, a cofactor involved in the regulation of the alternative complement pathway. In IEP a single arc is observed against human plasma. Identity has been confirmed by double diffusion against human plasma and a known anti-human Factor H antibody. Deficiency in factor H can lead to diseases such as Hemolytic-uremic syndrome and chronic hypocomplementemic nephropathy.

Sheep anti Human Complement Factor H antibody has been used successfully as a capture reagent for the measurement of murine factor H in mouse serum samples by sandwich ELISA in conjunction with Mouse anti Human Factor H antibody, clone OX-23 ([MCA508G](#)) as a detection reagent ([Daniels-Treffandier et al. 2016](#)).

References

1. Daniels-Treffandier, H. *et al.* (2016) Impact of Reducing Complement Inhibitor Binding on the Immunogenicity of Native *Neisseria meningitidis* Outer Membrane Vesicles. [PLoS One. 11 \(2\): e0148840.](#)
2. Ramos-sevillano, E. *et al.* (2015) Pleiotropic effects of cell wall amidase LytA on Streptococcus pneumoniae sensitivity to the host immune response. [Infect Immun. 83 \(2\): 591-603.](#)
3. Puraswani, M. *et al.* (2019) Clinical and Immunological Profile of Anti-factor H Antibody Associated Atypical Hemolytic Uremic Syndrome: A Nationwide Database. [Front Immunol. 10: 1282.](#)

Storage Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee Guaranteed until date of expiry. Please see product label.

Health And Safety Information Material Safety Datasheet documentation #10087 available at:
10087: <https://www.bio-rad-antibodies.com/uploads/MSDS/10087.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Donkey Anti Sheep IgG (STAR88...) [DyLight®488](#), [FITC](#), [HRP](#)

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