

**Anti-Complement factor H (human,  $\beta_1$ H-globulin)  
Mouse monoclonal antibody, biotinylated  
GAU 020-03B**

Subclass: IgG1/k  
Clone: L20/3

PRODUCT NO.

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SPECIFICITY	GAU 020-03 is specific for complement factor H in human serum and plasma (1).
IMMUNOGEN	Human Factor H (1)
TESTED APPLICATIONS	ELISA
SPECIES REACTIVITY (POSITIVE)	Human
SPECIES REACTIVITY (POSITIVE)	Not determined
EPITOPE SPECIFICITY	Epitope specificity differs from that of GAU 018-03 (1)

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PRESENTATION

Content:	150 $\mu$ L, 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Preparation:	Biotinylated
Form:	Liquid
Solvent:	0.01 M phosphate buffer, pH 7.4, with 0.14 M NaCl and 15 mM sodium
Storage:	4-8°C without exposure to light. No precautions necessary during handling.

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APPLICATION

**ELISA:** GAU 018-03 can be used as a capture antibody in sandwich ELISA with GAU 020-03 as a biotinylated detection antibody (1,2).

TARGET

Factor H is a regulatory factor of the alternative pathway of complement activation. Factor H is a glycoprotein consisting of a single polypeptide chain with a molecular mass of 150 kDa.

REFERENCES

1. Oppermann M, Baumgarten H, Brandt E, Gottsleben W, Kurts C, Gotze O (1990) Quantitation of components of the alternative pathway of complement (APC) by enzyme-linked immunosorbent assays. J Immunol Methods 133:181-190.
2. Oppermann M, Kurts C, Zierz R, Quentin E, Weber MH, Gotze O (1991) Elevated plasma levels of the immunosuppressive complement fragment Ba in renal failure. Kidney Int. 40:939-947

CONDITIONS

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