

**Anti-Complement factor H (human,  $\beta_2$ H-globulin)****Mouse monoclonal antibody**

Subclass: IgG1/k

Clone: L20/3

CAT. NO.

**GAU 020-03**

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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, WB
SPECIES REACTIVITY (POSITIVE)	Human
SPECIES REACTIVITY (NEGATIVE)	Not determined
EPITOPESPECIFICITY	Epitope specificity differs from that of GAU 018-03 (1)

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**PRESENTATION**

Content:	Available in 400 $\mu$ L and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Preparation:	Protein-A purified
Form:	Liquid
Solvent:	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide
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). This antibody pair specifically detects full length 150 kDa factor H and does not cross-react with the truncated forms of factor H (1).  
**WB:** GAU 020-03 can be used in Western blotting.

**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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