

PRODUCT SPECIFICATION

Anti-Complement factor H (human, β_1 H-globulin)

Mouse monoclonal antibody, biotinylated

Subclass: IgG1/k

PRODUCT NO.

GAU 020-03 B

PRESENTATION

Preparation: Biotinylated

Content: 100 μ L, 1 mg/mL +/- 15%. See Certificate of Analysis for details.

Solvent: 0.01 M phosphate buffer, pH 7.4, with 0.14 M NaCl and 15 mM sodium azide

Storage: 4-8°C without exposure to light. No precautions necessary during handling.

ANTIGEN

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.

IMMUNOGEN

Human Factor H (1)

SPECIFICITY

GAU 020-03 is specific for complement factor H in human serum and plasma (1)

EPI TOPE SPECIFICITY

Epitope specificity differs from that of GAU 018-03 (1)

REACTIVITY

GAU 018-03 can be used as a capture antibody in sandwich ELISA with GAU 020-03 as a biotinylated detection antibody.

This antibody pair specifically detects full length 150 kDa factor H and does not cross-react with the truncated forms of factor H (1).

CULTURE MEDIUM

RPMI 1640 with 10% fetal calf serum

FUSION PARTNER

X63-Ag8.653

IMMUNIZATION

BALB/c mice immunized by intraperitoneal injection

APPLICATION

Method	Usability	References
ELISA	Yes	1, 2
Immunoblotting	Not determined	
Immunohistochemistry	Not determined	

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.
3. Oppermann M, Höpken U, Götze O (1992) Assessment of complement activation in vivo. *Imm. pharm* 24:119-134.

This product is not for further manufacture

CONDITIONS

All products are supplied on the understanding that they are for in vitro use only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The animals from which this product was derived have not been exposed to or inoculated with any livestock or poultry disease agents exotic to the United States or Western Europe, and did not originate from facilities where work with exotic disease agents affecting livestock or avian species is carried out.