

Anti-Complement factor H (human, β_1 H-globulin)
Mouse monoclonal antibody

Subclass: IgG1/k

PRODUCT NO.

GAU 018-03

Clone: C18/3

PRESENTATION

Preparation: Protein-A/G purified

Content: Available in 200 μ L and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.

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.

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 018-03 is specific for complement factor H in human serum and plasma (1).

EPI TOPE SPECIFICITY

Epitope specificity differs from that of GAU 020-03 (1).

REACTIVITY

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

Unless otherwise marked, all products are for research use only. Not for use in diagnostic procedures. Not for use in human therapeutic applications. For in vitro use or further manufacture only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The foregoing is in lieu of all warranties, expressed or implied, including implied warranties of merchantability and fitness for a particular purpose. In no event shall BioPorto Diagnostics A/S be responsible for loss of profits or indirect consequential losses resulting from use of its products.