

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

Subclass: IgG1/k

PRODUCT NO.

HYB 268-01

Clone: OX23

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 complement pathway. Factor H is a glycoprotein consisting of a single polypeptide chain with a molecular mass of 155 kDa. Human plasma concentration is app. 500 μ g/ml (1,2).

IMMUNOGEN

Factor H isolated from human plasma adsorbed onto aluminum hydroxide gel

SPECIFICITY

HYB 268-01 is specific for human factor H (β_1 H-globulin)

EPI TOPE SPECIFICITY

Not determined

REACTIVITY

HYB 268-01 reacts strongly with factor H. A strong reaction is seen in a sandwich ELISA in combination with a polyclonal antibody against factor H (eg. Abcam AB8842), when testing normal human serum. In Western blotting HYB 268-01 reacts with factor H.

CULTURE MEDIUM

RPMI 1640 with 10% fetal calf serum

FUSION PARTNER

X63-Ag8.653

IMMUNIZATION

Female CF1 x BALB/c mice immunized by intraperitoneal injection

APPLICATION

Method	Usability	References
ELISA	Yes	
Immunoblotting	Yes	
Immunohistochemistry	Not determined	

REFERENCES

1. Law SKA, Reid KBM (1988) Complement In: In Focus (Ed. Male D) IRL Press: Oxford.
2. Bendtzen K et al (2000) Basal og klinisk immunologi. FADL's Forlag A/S, Copenhagen.

CONDITIONS

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