

PRODUCT SPECIFICATION

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

Mouse monoclonal antibody, biotinylated

Subclass: IgG1/k

PRODUCT NO.

HYB 268-01 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 15mM 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	Not determined	
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

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.