

**Anti-Complement factor H (human,  $\beta_1$ H-globulin)**
**Mouse monoclonal antibody**

Subclass: IgG1/k

PRODUCT NO.	<b>HYB 268-01</b>
PRESENTATION	Preparation: Protein-A purified Content: Available in 200 $\mu$ L and 1 mL volumes, 1 mg/mL Solvent: 0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide Storage: In the dark at 4-8°C
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 $\mu$ 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 ( $\beta_1$ 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	Dilution guideline	References
ELISA	Yes	1/64,000	
Immunoblotting	Yes		
Immunohistochemistry	Not determined		

The dilution guideline for ELISA is based on sandwich ELISA in combination with a polyclonal antibody against the antigen. Users should determine the optimal dilutions for their own purpose.

REFERENCES	<ol style="list-style-type: none"> <li>1. Law SKA, Reid KBM (1988) Complement In: In Focus (Ed. Male D) IRL Press: Oxford.</li> <li>2. Bendtzen K et al (2000) Basal og klinisk immunologi. FADL's Forlag A/S, Copenhagen.</li> </ol>
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**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.