

**Anti Serum albumin (human, denatured, HSA)  
Mouse Monoclonal Antibody**Subclass: IgG<sub>1</sub>/κ

PRODUCT NO.	<b>HYB 189-09</b>																
PRESENTATION	Preparation: Protein-A/G purified Content: 1 ml, 1 mg/mL Solvent: 0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15mM sodium azide Storage: In the dark at 4-8°C																
ANTIGEN	Human serum albumin (HSA) consists of a single polypeptide chain of 584 aminoacids, stabilized by 17 disulfide bridges. HSA is the most common protein in serum, it is produced in the liver and the concentration in serum is 35-50 mg/ml. HSA is often used as a carrier molecule because of its binding capacity, and thus mainly functions as the regulator of the colloidal osmotic pressure of the blood. The molecular weight is 67.5 kDa (1).																
IMMUNOGEN	Denatured HSA isolated from human plasma																
SPECIFICITY	HYB 189-09 is specific for denatured HSA																
EPI TOPE SPECIFICITY	Epitope specificity differs from HYB 189-01 as determined by inhibition ELISA																
REACTIVITY	HYB 189-09 reacts strongly with denatured HSA. Strong reaction is seen in ELISA with denatured HSA directly coated onto the microtiterwell. In Western blot after SDS-PAGE, HYB 189-09 reacts with denatured HSA in non-reduced form only.																
CULTURE MEDIUM	Dulbecco's modified Eagle's medium with 10% fetal calf serum																
FUSION PARTNER	X63-Ag8.653.																
IMMUNIZATION	Female CF1 x Balb/c mice, immunized intraperitoneally with antigen adsorbed onto Al(OH) <sub>3</sub> .																
APPLICATION	<table border="1"><thead><tr><th>Method</th><th>Usability</th><th>Dilution guideline</th><th>References</th></tr></thead><tbody><tr><td>ELISA</td><td>Yes</td><td></td><td></td></tr><tr><td>Immunoblotting</td><td>Yes</td><td></td><td></td></tr><tr><td>Immunohistochemistry</td><td>Not determined</td><td></td><td></td></tr></tbody></table>	Method	Usability	Dilution guideline	References	ELISA	Yes			Immunoblotting	Yes			Immunohistochemistry	Not determined		
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REFERENCES	1. Scott T & Eagleson M (1988) Concise Encyclopedia Biochemistry: Walter de Gruyter, New York.																

**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.