



**Anti Serum albumin (bovine, BSA)
Mouse Monoclonal Antibody**

Subclass: IgG₁/k +
λC2b/k

PRODUCT NO.

HYB 267-01

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

Bovine serum albumin (BSA) is the most abundant protein in bovine plasma. BSA is produced in the liver and the concentration of BSA in plasma is 35-50 mg/ml. The molecular mass is 69 kDa (1).

IMMUNOGEN

BSA isolated from bovine plasma

SPECIFICITY

HYB 267-01 has specificity for bovine serum albumin (BSA)

EPITOPE SPECIFICITY

Not determined

REACTIVITY

HYB 267-01 reacts strongly with BSA. Strong reaction is seen in ELISA with bovine serum albumin coated directly onto the microtiter well. In Western blotting after SDS-PAGE, HYB 267-01 reacts with bovine albumin.

CULTURE MEDIUM

Hybridoma SFM

FUSION PARTNER

SP2/O-Ag14.

IMMUNIZATION

Female CF1 x BALB/c mice immunized i.p. with immunogen adsorbed onto Al(OH)₃

APPLICATION

Method	Usability	Dilution guideline	References
ELISA	Yes	1:1000	
Immunoblotting	Yes		
Immunohistochemistry	Not determined		

The dilution guideline for ELISA is based on use as detection antibody for antigen coated at high concentration. Users should determine the optimal dilutions for their own purposes.

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.