

**Anti Streptolysin  
Mouse monoclonal antibody**Subclass: IgG<sub>1</sub>/k

PRODUCT NO.

**HAB 003**

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 15 mM sodium azide  
Storage: In the dark at 4-8°C

ANTIGEN

Bacteria of the *Streptococcus* genera produce the exotoxin streptolysin. Anti-streptolysin antibody titers in patients are measured as a marker of inflammation. Streptolysin is also an important tool in cell biology due to its hemolytic activity and the ability to permeabilize plasma membranes.

IMMUNOGEN

Cysteine chloride oxidized streptolysin

SPECIFICITY

HAB-003 is specific for oxidized streptolysin but cross react to untreated streptolysin

EPI TOPE SPECIFICITY

Not determined

REACTIVITY

HAB-003 reacts weakly with cysteine chloride oxidized streptolysin directly coated onto the microtiter plate.

CULTURE MEDIUM

RPMI 1640 with 10% fetal calf serum

FUSION PARTNER

X63-Ag8.653.

IMMUNIZATION

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

APPLICATION

Method	Usability	Dilution guideline	References
ELISA	Yes	1:400	
Immunoblotting	Not determined		
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

**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.