

**Anti Poliovirus type 1
mouse monoclonal antibody**

Subclass: IgG2b/k

PRODUCT NO.

HYB 295-17

PRESENTATION

Preparation: Protein-A/G purified

Content: Available in 200 µL and 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

Poliovirus belongs to the Picornaviruses characterized by their small (7.2kb to 8.5 kb) RNA genome. Poliovirus is a enterovirus which primarily infect the gastrointestinal associated lymphoid tissue (GALT) and can eventually spread to the central nervous system and cause paralysis. Mortality, though very rare, is usually due to respiratory failure by paralysis of the intercostal muscles and diaphragm.

IMMUNOGEN

Poliovirus type 1

SPECIFICITY

HYB 295-17 is specific for Poliovirus type 1

EPI TOPE SPECIFICITY

Not determined

REACTIVITY

HYB 295-17 reacts with Poliovirus type 1. Reaction is seen in ELISA with Poliovirus type 1 directly coated onto the microtiter well.

CULTURE MEDIUM

RPMI 1640 with 10% fetal calf serum

FUSION PARTNER

X63-Ag8.653.

IMMUNIZATION

CF1 x BALB/c

APPLICATION

Method	Usability	Dilution guideline	References
ELISA	Yes	1:16,000	
Immunoblotting	Not determined		
Immunohistochemistry	Not determined		

The dilution guideline for ELISA is based on use as detection antibody for antigen coated directly at the microtiter well. 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.