

**Anti-Poliovirus type 1
Mouse monoclonal antibody**

Subclass: IgG2b/k

PRODUCT NO.

HYB 295-17

Clone: 9B4

PRESENTATION

Preparation: Protein-A/G purified

Content: Available in 200 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.

Solvent: 0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide

Storage: 4-8°C without exposure to light. No precautions necessary during handling.

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 (inactivated)

SPECIFICITY

HYB 295-17 is specific for poliovirus type 1

EPITOPE SPECIFICITY

Not determined

REACTIVITY

HYB 295-17 reacts with poliovirus type 1. A 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

Female CF1xBalb/c F1 hybrid mice immunized by intraperitoneal injection

APPLICATION

Method	Usability	References
ELISA	Yes	
Immunoblotting	Not determined	
Immunohistochemistry	Not determined	

REFERENCES

CONDITIONS

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