

**Anti-Poliovirus type 2
Mouse monoclonal antibody**

Subclass: IgG2a/k

PRODUCT NO.

HYB 294-06

Clone: 24E2

PRESENTATION

Preparation: Protein-A/G purified

Content: Available in 200 µL and 1 mL volumes, 1 mg/mL

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

Storage: In the dark at 4-8°C

ANTIGEN

Polio (acute poliomyelitis, infantile paralysis) is caused by a virus, which may infect the nervous system and cause lasting paralysis. Poliovirus is a single-stranded RNA virus and a member of the Picornavirus family. There are three separate types of the virus: type 1, type 2, type 3.

IMMUNOGEN

Poliovirus type 2 (inactivated)

SPECIFICITY

HYB 294-06 is specific for poliovirus type 2. There is no cross-reactivity with type 1 and 3

EPI TOPE SPECIFICITY

Not determined

REACTIVITY

HYB 294-06 reacts well with poliovirus type 2. In ELISA HYB 294-06 can be used both as catching antibody and as detection antibody.

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	Dilution guideline	References
ELISA	Yes	1/1000	
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 plate. 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.