

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

Subclass: IgG2a/k

PRODUCT NO.

HYB 294-02

Clone: 35G10

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

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

Polio virus type 2 (inactivated)

SPECIFICITY

HYB 294-02 is specific for poliovirus type 2

EPI TOPE SPECIFICITY

Not determined

REACTIVITY

HYB 294-02 reacts with poliovirus type 2. A reaction is seen in ELISA with poliovirus type 2 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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