

**Anti-Poliovirus type 3
Mouse monoclonal antibody**

Subclass: IgG2a/k

PRODUCT NO.

HYB 300-05

Clone: 45 D5

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, and type 3.

IMMUNOGEN

Poliovirus type 3 (inactivated)

SPECIFICITY

HYB 300-05 is specific for poliovirus type 3. There is no cross-reactivity with poliovirus type 1 and 2.

EPI TOPE SPECIFICITY

Overlapping with that of HYB 300-06

REACTIVITY

HYB 300-05 reacts well in ELISA and using this antibody in a sandwich assay with HYB 300-06 as catching antibody and biotinylated HYB 300-05 as detection antibody is recommended.

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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