



**Anti Poliovirus type 3
Mouse monoclonal antibody**

Subclass: IgG2a/k

PRODUCT NO.

HYB 300-05

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

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

There is no cross reactivity with type 1 and 2.

EPI TOPE SPECIFICITY

Overlapping with that of HYB 300-06

REACTIVITY

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

CULTURE MEDIUM

RPMI 1640 with 10% fetal calf serum

FUSION PARTNER

X63-Ag8.653.

IMMUNIZATION

Female CF1xBalb/c F1 hybrid mice were immunized i.p. with immunogen

APPLICATION

Method	Usability	Dilution guideline	References
ELISA	Yes		
Immunoblotting	Not determined		
Immunohistochemistry	Not determined		

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.