

PRODUCT SPECIFICATION

STATENS
SERUM
INSTITUT



HYB 300-06 Anti Poliovirus type 3

Mouse monoclonal antibody

| Article No. | 64072 (0.2 mL), 101067 (1.0 mL) | | | | | | | | |
|----------------------------|--|--------|-----------|-------|-----|----------------|-----|------------------|-----|
| Product Name | HYB 300-06 Anti Poliovirus type 3 | | | | | | | | |
| Clone | 4D5 | | | | | | | | |
| Subclass | IgG2a / Kappa | | | | | | | | |
| Description | <p>Preparation: Protein-A purified</p> <p>Concentration: 1 mg/mL \pm 10%, based on A₂₈₀. See Certificate of Analysis for details.</p> <p>Solvent: PBS, pH 7.2 – 7.4</p> <p>Storage: -18 °C or colder</p> | | | | | | | | |
| Antigen | Polio (acute poliomyelitis, infantile paralysis) is caused by the poliovirus, 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. | | | | | | | | |
| Epitope Specificity | Overlapping with that of HYB 300-05. | | | | | | | | |
| Reactivity | HYB 300-06 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. HYB 300-05 and HYB 300-06 can in combination neutralize concentrated virus for at least 12 days. | | | | | | | | |
| Culture Medium | Dulbecco's modified Eagle's medium with 10 % fetal calf serum. | | | | | | | | |
| Fusion Partner | X63-Ag8.653. | | | | | | | | |
| Immunization | Female CF1xBalb/c F1 hybrid mice were immunized i.p. with immunogen. | | | | | | | | |
| Application | <table border="1"><thead><tr><th>Method</th><th>Usability</th></tr></thead><tbody><tr><td>ELISA</td><td>yes</td></tr><tr><td>Immunoblotting</td><td>nd.</td></tr><tr><td>Immuno.fluoresc.</td><td>nd.</td></tr></tbody></table> | Method | Usability | ELISA | yes | Immunoblotting | nd. | Immuno.fluoresc. | nd. |
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Conditions

For research use only. Not for use in diagnostic procedures. Not for therapeutic use or applications.

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