

PRODUCT SPECIFICATION

STATENS
SERUM
INSTITUT



HYB 295-15 Anti Poliovirus type 1

Mouse monoclonal antibody

Article No.	64068 (0.2 mL), 101063 (1.0 mL)								
Product Name	HYB 295-15 Anti Poliovirus type 1								
Clone	7C5								
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 1 (inactivated).								
Specificity	There is no cross reactivity with type 2 and 3.								
Epitope Specificity	Not determined.								
Reactivity	HYB 295-15 reacts well in ELISA and can be used both as catching antibody and detection antibody. HYB 295-15 can neutralize virus for a few 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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