

PRODUCT SPECIFICATION

STATENS
SERUM
INSTITUT



HYB 294-02 Anti Poliovirus type 2

Mouse monoclonal antibody

Article No.	64069 (0.2 mL), 101064 (1.0 mL)									
Product Name	HYB 294-02 Anti Poliovirus type 2									
Clone	35G10									
Subclass	IgG2a / Kappa									
Description	Preparation:	Protein-A purified								
	Concentration:	1 mg/mL ± 10%, based on A ₂₈₀ . See Certificate of Analysis for details.								
	Solvent:	PBS, pH 7.2 – 7.4								
	Storage:	-18 °C or colder								
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	Polio virus type 2 (inactivated).									
Specificity	There is no cross reactivity with type 1 and 3.									
Epitope Specificity	Not determined.									
Reactivity	HYB 294-02 reacts well in ELISA both as catching antibody and as detection antibody. Weak neutralisation of poliovirus type 2 has been observed by HYB 294-02, but in combination, HYB 294-02 and HYB 294-06 can neutralize at least 14 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><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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