Datasheet: OBT1676

Description:	MOUSE ANTI ST. LOUIS ENCEPHALITIS VIRUS
Specificity:	ST. LOUIS ENCEPHALITIS VIRUS
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	6b6c-1
Isotype:	IgG2a
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			
Immunofluorescence	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Viral
Product Form	Purified IgG - liquid
Preparation	Antibody purified from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN_3)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified SLE strain MSI-7.
RRID	AB_618977

Fusion Partners	Spleen cells from immunized mice were fused with cells of the SP2/0 Ag 14 myeloma cell line
Specificity	**Mouse anti St. Louis encephalitis virus antibody, clone 6b6c-1** recognizes the Saint Louis encephalitis virus strain (MSI-7) envelope glycoprotein. SLE is a flavivirus producing severe encephalitis in humans. The viral envelope contains a single glycoprotein serving as a major structural component of the virion spike. Clone 6b6c-1also reacts with other members of *Flaviviridae* including Japanese Encepahalitis (Nakayama), West Nile (EG101), Murray Valley encephalitis (Original), Yellow Fever (17D), Dengue 1 (Hawaii), Dengue 2 (New Guinea C), Dengue 3 (H87) and Dengue 4 (H241).
References	1. Roehrig, J.T. *et al.* (1983) Identification of epitopes on the E glycoprotein of Saint Louis encephalitis virus using monoclonal antibodies. Virology. 128 (1): 118-26. 2. Vorndam, V. *et al.* (1993) Molecular and biological characterization of a non-glycosylated isolate of St Louis encephalitis virus. J Gen Virol. 74 (Pt 12): 2653-60. 3. Mathews, J.H. & Roehrig, J.T. (1984) Elucidation of the topography and determination of the protective epitopes on the E glycoprotein of Saint Louis encephalitis virus by passive transfer with monoclonal antibodies. J Immunol. 132 (3): 1533-7.
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/OBT1676 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos., HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos., DyLight®488, DyLight®550, DyLight®650, DyLight®680, DyLight®800, FITC, HRP

Goat Anti Mouse IgG (Fc) (STAR120...)	FITC, HRP
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	**Worldwide**	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	**Europe**	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M418775:230427'

Printed on 19 Jan 2024

© 2024 Bio-Rad Laboratories Inc | Legal | Imprint