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

RRID AB_618977

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.

<table>
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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tr>
<td>ELISA</td>
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<td>Immunofluorescence</td>
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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

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.1% Sodium Azide (NaN₃)

Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

Immunogen

Purified SLE strain MSI-7.

Fusion Partners

Spleen cells from immunised 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-1 also reacts with other members of *Flaviviridae* including Japanese Encephalitis (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**


**Storage**

Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**Shelf Life**

18 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

- Goat Anti Mouse IgG IgA IgM (STAR87...)
  - Alk. Phos., HRP
- Goat Anti Mouse IgG (STAR77...)
  - HRP
- Rabbit Anti Mouse IgG (STAR12...)
  - RPE
- Rabbit Anti Mouse IgG (STAR8...)
  - DyLight800
- Rabbit Anti Mouse IgG (STAR13...)
  - HRP
- Goat Anti Mouse IgG (STAR76...)
  - RPE
- Goat Anti Mouse IgG (STAR70...)
  - FITC
- Goat Anti Mouse IgG (Fc) (STAR120...)
  - FITC, HRP
- Rabbit Anti Mouse IgG (STAR9...)
  - FITC
- Human Anti Mouse IgG2a (HCA037...)
  - FITC, HRP
- Goat Anti Mouse IgG (H/L) (STAR117...)
  - Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800, FITC, HRP

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