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

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

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