

## Leishmania Lpg (Repeat Epitope) antibody [CA7AE]

**Cat. No. GTX39838**

|                     |                               |
|---------------------|-------------------------------|
| <b>Host</b>         | Mouse                         |
| <b>Clonality</b>    | Monoclonal                    |
| <b>Isotype</b>      | IgM                           |
| <b>Applications</b> | ICC/IF, ELISA, Immunoblotting |
| <b>Reactivity</b>   | Leishmania                    |

**Package**  
100 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| ICC/IF             | 1/500-1/1,000        |
| ELISA              | 1/1,000              |
| Immunoblotting     | Assay dependent      |

Not tested in other applications.

**Product Note**

This antibody recognizes the repeat carbohydrate epitope of most species of Leishmania LPG. The epitope is also found on the excreted acid phosphatase of Leishmania. Clone CA7AE recognizes the promastigotes of Leishmania donovani but not those of the related species *L. tropica* (Jaffe and Sarfstein 1987, Sundar et al. 2001).

## Properties

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | Ascites  |
| <b>Preservative</b>  | No preservatives   |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | Batch dependent (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | Heat killed Leishmania donovani promastigotes.   |
| <b>Conjugation</b>   | Unconjugated   |

**Note**

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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