Antibody Name: Anti-Chikungunya Virus antibody [B1413M] ab130889

Overview

Product name: Anti-Chikungunya Virus antibody [B1413M]

Description: Mouse monoclonal [B1413M] to Chikungunya Virus

Host species: Mouse

Specificity: ab130889 is specific to Chikungunya Virus. It does not crossreact with Eastern Equine Encephalitis (EEE), Western Equine Encephalitis (WEE), Venezuelan Equine Encephalitis (VEE) and other Arboviruses. Membrane staining is observed in ICC/IF. ab130852 has been tested and found negative with the following virus: Dengue virus, Yellow Fever virus, Japanese Encephalitis virus, Venezuelan virus, West Nile virus, Lacrosse virus, St. Louis Encephalitis virus, Western Equine Encephalitis virus and Eastern Equine Encephalitis virus.

Tested applications

Suitable for: ELISA, ICC/IF

Species reactivity

Reacts with: Other species

Immunogen: Chikungunya Virus Lysate

Properties

Form: Liquid

Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

Storage buffer: pH: 7.20
Preservative: 0.1% Sodium azide
Constituent: 99% PBS

Purity: Ascites

Purification notes: Purified from ascites.

Clonality: Monoclonal

Clone number: B1413M

Isotype: IgG1

Applications

Our Abpromise guarantee covers the use of ab130889 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Chikungunya is caused by the chikungunya virus (CHIKV), an arthropod-borne virus (arbovirus). Chikungunya is a member of the Alphavirus genus in the family Togaviridae. There are 29 different types of alphaviruses that cause diseases in humans and other mammals. These species of arboviruses have been classified into 7 antigenic complexes: Barmah Forest (BF), Eastern equine encephalitis (EEE), Middelburg (MD), Ndumu (NDU), Semliki Forest (SF), Venezuelan equine encephalitis (VEE), and Western equine encephalitis (WEE).

**Application**

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELISA</td>
<td>Use at an assay dependent dilution.</td>
<td></td>
</tr>
<tr>
<td>ICC/IF</td>
<td>Use at an assay dependent dilution.</td>
<td></td>
</tr>
</tbody>
</table>

**Target**

**Relevance**

Chikungunya is caused by the chikungunya virus (CHIKV), an arthropod-borne virus (arbovirus). Chikungunya is a member of the Alphavirus genus in the family Togaviridae. There are 29 different types of alphaviruses that cause diseases in humans and other mammals. These species of arboviruses have been classified into 7 antigenic complexes: Barmah Forest (BF), Eastern equine encephalitis (EEE), Middelburg (MD), Ndumu (NDU), Semliki Forest (SF), Venezuelan equine encephalitis (VEE), and Western equine encephalitis (WEE).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

**Our Abpromise to you: Quality guaranteed and expert technical support**

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit [https://www.abcam.com/abpromise](https://www.abcam.com/abpromise) or contact our technical team.

**Terms and conditions**

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors