Product datasheet

Anti-Cytomegalovirus Glycoprotein B antibody [HCMV37] (FITC) ab74085

1 References

Overview

Product name Anti-Cytomegalovirus Glycoprotein B antibody [HCMV37] (FITC)
Description Mouse monoclonal [HCMV37] to Cytomegalovirus Glycoprotein B (FITC)
Host species Mouse
Conjugation FITC. Ex: 493nm, Em: 528nm
Specificity ab74085 reacts with MRC-5 infected cells but not uninfected cells. This antibody has been found to be neutralizing.
Tested applications Suitable for: ICC/IF
Species reactivity Reacts with: Other species
Immunogen Human CMV extracts.

Properties

Form Liquid
Storage instructions Shipped at 4°C. Store at +4°C.
Storage buffer Preservative: 0.09% Sodium Azide
Constituents: 1% BSA, PBS, pH 7.4
Purity Protein G purified
Clonality Monoclonal
Clone number HCMV37
Isotype IgG2a

Applications

Our Abpromise guarantee covers the use of ab74085 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Relevance
Human cytomegalovirus (HCMV) glycoprotein B (gB) is an abundant virion envelope protein that has been shown to be essential for the infectivity of HCMV. HCMV gB is also one of the most immunogenic virus-encoded proteins, and a significant fraction of virus neutralizing antibodies are directed at gB.

Cellular localization
Virus envelope.

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