Product datasheet

Anti-gp64 antibody [AcV5] ab91214

3 References

Overview

<table>
<thead>
<tr>
<th>Product name</th>
<th>Anti-gp64 antibody [AcV5]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Mouse monoclonal [AcV5] to gp64</td>
</tr>
<tr>
<td>Host species</td>
<td>Mouse</td>
</tr>
<tr>
<td>Specificity</td>
<td>ab91214 reacts with the gp64 envelope protein of the baculovirus Autographa californica (AcMNPV).</td>
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<tr>
<td>Tested applications</td>
<td>Suitable for: WB</td>
</tr>
<tr>
<td>Species reactivity</td>
<td>Reacts with: Species independent</td>
</tr>
<tr>
<td>Immunogen</td>
<td>Tissue, cells or virus corresponding to gp64. gp64 envelope protein of the baculovirus Autographa californica (AcMNPV).</td>
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<tr>
<td>Positive control</td>
<td>Baculovirus infected insect cells</td>
</tr>
<tr>
<td>General notes</td>
<td>Reproducibility is key to advancing scientific discovery and accelerating scientists’ next breakthrough. Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility. We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee. In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for. We are also updating the applications &amp; species that this product has been &quot;predicted to work with,&quot; however this information is not covered by our Abpromise guarantee. Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&amp;As.</td>
</tr>
</tbody>
</table>

Properties
Form

Liquid

Storage instructions

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Storage buffer

pH: 7.20
Preservative: 0.09% Sodium azide
Constituent: 0.87% Sodium chloride

Purity

Protein A purified

Clone number

AcV5

Isotype

IgG2b

Applications

Our Abpromise guarantee covers the use of ab91214 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>WB</td>
<td></td>
<td>Use at an assay dependent concentration. Predicted molecular weight: 59 kDa. ab91214 can be used in identifying virally-infected insect cells and biochemical analysis of the gp64 protein.</td>
</tr>
</tbody>
</table>

Target

Relevance
gp64 is an envelope protein of the baculovirus Autographa californica (AcMNPV). It is a phosphoglycoprotein which is located on the surface of both infected cells and budded virions. It is suggested that the virus entry into cells is primarily by the endocytic pathway and that this protein may play a role in fusion of the viral envelope with the endosomal membrane.

Cellular localization
Virion membrane

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

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- 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

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