Product datasheet

Anti-Hepatitis A Virus antibody ab20269

Overview

Product name: Anti-Hepatitis A Virus antibody
Description: Goat polyclonal to Hepatitis A Virus
Host species: Goat
Specificity: All viral antigens. Negative cross reactivity against MRC5 cells.
 Tested applications: Suitable for: ELISA, Conjugation
Species reactivity: Reacts with: Other species
Immunogen: Purified virions of strain HM175.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer: pH: 7.20
Preservative: 0.1% Sodium azide
Constituent: 0.0268% PBS
Purity: Protein G purified
Purification notes: Sodium sulfate precipitation and ion exchange chromatography.
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab20269 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>ELISA</td>
<td>1/1000.</td>
<td>This product may be used in place of neat antiserum in almost any appropriate antibody-based technique.</td>
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<tr>
<td>Conjugation</td>
<td>Use at an assay dependent dilution.</td>
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</table>
**Relevance**

Hepatitis A Virus (HAV) is a 27nm nonenveloped, spherical, positive stranded RNA virus, classified within the genus hepatovirus of the picornavirus family and is among the smallest and structurally simplest of the RNA animal viruses. A single large polyprotein is expressed from a large open reading frame extending through most of the genomic RNA. This polyprotein is subsequently cleaved by a viral protease (3Cpro) to form three (possibly four) capsid proteins and several nonstructural proteins. HAV genomic replication occurs exclusively in the cytoplasm of the infected hepatocyte by a mechanism involving an RNA-dependent RNA polymerase.

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

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