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>
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</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 picomavirus 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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