Anti-Streptococcus pyogenes Group A Carbohydrate antibody ab9191

3 References

Overview

Product name: Anti-Streptococcus pyogenes Group A Carbohydrate antibody
Description: Goat polyclonal to Streptococcus pyogenes Group A Carbohydrate
Host species: Goat
Specificity: Streptococcus Pyogenes Group A
Tested applications: Suitable for: Dot blot, ELISA, ICC/IF, IHC-Fr, IP, WB, IHC-P
Species reactivity: Reacts with: Other species
Immunogen: Goats were intensely immunized, intravenously, with killed Streptococcus pyogenes vaccine Strain J17A4.

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
Constituent: 0.0268% PBS
Purity: Immunogen affinity purified
Purification notes: Serum was collected and antibody to the Group A carbohydrate was immunoaffinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab9191 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>Dot blot</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
This antibody is suitable for colloidal gold conjugation.

**Target**

**Relevance**

Streptococcus pyogenes (Group A streptococcus) is a Gram-positive, nonmotile, nonsporeforming coccus that occurs in chains or in pairs of cells. Individual cells are round-to-ovoid cocci, 0.6-1.0 micrometer in diameter. Streptococci divide in one plane and thus occur in pairs or (especially in liquid media or clinical material) in chains of varying lengths. The metabolism of S. pyogenes is fermentative; the organism is a catalase-negative aerotolerant anaerobe (facultative anaerobe), and requires enriched medium containing blood in order to grow. Group A streptococci typically have a capsule composed of hyaluronic acid and exhibit beta (clear) hemolysis on blood agar.

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