Anti-Staphylococcus aureus antibody (HRP) ab156662

Overview

Product name: Anti-Staphylococcus aureus antibody (HRP)
Description: Rabbit polyclonal to Staphylococcus aureus (HRP)
Host species: Rabbit
Conjugation: HRP
Specificity: ab156662 is specific for soluble and structural antigens of the whole bacterium.

Tested applications: Suitable for: WB, ELISA
Species reactivity: Reacts with: Staphylococcus aureus
Immunogen: Tissue/cell preparation of Staphylococcus aureus ATCC 27660.

General notes: Estimated molar HRP:IgG substitution is 2-3.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C.
Storage buffer: Preservative: 0.002% Thimerosal (merthiolate)
Constituents: 1% BSA, 98% PBS
Purity: IgG fraction
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab156662 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>1/20 - 1/200.</td>
</tr>
<tr>
<td>ELISA</td>
<td></td>
<td>1/200 - 1/1000.</td>
</tr>
</tbody>
</table>
Relevance
S. aureus binds IgG molecules by their Fc region. In serum, the bacteria will bind IgG molecules in the wrong orientation on their surface, which hinders opsonization and phagocytosis. Mutants of S. aureus lacking protein A are more efficiently phagocytosed in vitro, and mutants in infection models have diminished virulence. Due to its affinity for the Fc region of many mammalian immunoglobulins, protein A is considered a universal reagent in biochemistry and immunology.

Cellular localization
Secreted; cell wall.

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 or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors