

Anti-Streptococcus group A antibody [B1856R] ab252750

Overview

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|----------------------------|---|
| Product name | Anti-Streptococcus group A antibody [B1856R] |
| Description | Rabbit monoclonal [B1856R] to Streptococcus group A |
| Host species | Rabbit |
| Specificity | Streptococcus Group A. No cross reactivity with Streptococci Groups B, C, D, F, and G and other bacteria. |
| Tested applications | Suitable for: ELISA |
| Species reactivity | Reacts with: Streptococcus sp. group A |
| Immunogen | Other Immunogen Type corresponding to Streptococcus group A. Streptococcus Group A polysaccharide |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | Preservative: 0.1% Sodium azide Constituent: PBS |
| Purity | Protein A purified |
| Purification notes | >90% pure (SDS-PAGE). Sourced from Tissue Culture Supernatant. |
| Clonality | Monoclonal |
| Clone number | B1856R |
| Isotype | IgG1 |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab252750 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| ELISA | | Use at an assay dependent concentration. |

Target

Relevance

The genus *Streptococcus* is comprised of a wide variety of both pathogenic and commensal gram positive bacteria which are found to inhabit a wide range of hosts, including humans, horses, pigs and cows. Within the host, streptococci are often found to colonize the mucosal surfaces of the mouth, nose and pharynx. Streptococci can be divided into many groups on the basis of antigenic differences in group-specific polysaccharides located in the bacterial cell wall. More than 20 serologic groups have been identified and designated by letters, eg, A, B, C. Group A streptococci, cause a wide-range of disease in humans, from mild sore throats to life-threatening invasive disease such as necrotising fasciitis. *Streptococcus pyogenes* (a group A *Streptococcus*) is one of the most important pathogens encountered in clinical practice. Group A streptococci (GAS) are gram-positive, nonmotile, non-spore-forming organisms that appear as pairs or short-to-moderate-sized chains. Group A organisms can be identified by enzyme immunoassays.

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
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- 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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