

## Product datasheet

# Anti-Streptococcus Group B antibody ab20901

## 1 References

### Overview

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|----------------------------|---|
| <b>Product name</b>        | Anti-Streptococcus Group B antibody   |
| <b>Description</b>         | Rabbit polyclonal to Streptococcus Group B  |
| <b>Host species</b>        | Rabbit  |
| <b>Specificity</b>         | This antibody targets a type specific carbohydrate of group B Streptococcus and does not react with other Strep groups.   |
| <b>Tested applications</b> | <b>Suitable for:</b> ICC/IF   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Streptococcus sp. group B   |
| <b>Immunogen</b>           | Tissue, cells or virus corresponding to Streptococcus Group B. Streptococci, Group B  |
| <b>General notes</b>       | <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&amp;As</p> |

### Properties

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|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.   |
| <b>Storage buffer</b>       | Preservative: 0.1% Sodium azide<br>Constituent: 0.0268% PBS<br><br>No stabilizing proteins have been added. |
| <b>Purity</b>               | Protein A purified  |
| <b>Purification notes</b>   | Purified by chromatography.   |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

## Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab20901 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                               |
|-------------|-----------|-------------------------------------|
| ICC/IF      |           | Use at an assay dependent dilution. |

## Target

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### Relevance

Streptococci form part of the normal human flora that resides on the skin, and can also colonise the respiratory, gastrointestinal, and genitourinary tracts. Streptococci can cause a range of diseases, from the less serious but common sore throats and skin infections to life threatening conditions such as necrotising fasciitis. Different streptococcal species are involved in human disease, broadly categorised as pus forming or pyogenic streptococci, non pus forming or non pyogenic streptococci, and *Streptococcus pneumoniae*. Streptococci are classified into Lancefield serotypes by their cell wall polysaccharide antigens. Group A are primarily pathogens. Group B streptococci (including *Streptococcus agalactiae*) are the leading bacterial causes of human neonatal illness and death causing opportunistic invasive disease in pregnant women such as preterm labour, membrane rupture and urinary tract infections and sepsis and meningitis in newborns.

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

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