

Anti-Streptococcus pneumoniae antibody ab20429

2 References

Overview

Product name	Anti-Streptococcus pneumoniae antibody
Description	Rabbit polyclonal to Streptococcus pneumoniae
Host species	Rabbit
Specificity	Recognizes types 3, 4, 6, 7, 9, 14, 18, 19 and 23 surface antigens of S. pneumonia.
Tested applications	Suitable for: ICC/IF, ELISA
Species reactivity	Reacts with: Streptococcus pneumoniae
Immunogen	Full length protein corresponding to Streptococcus pneumoniae. Whole cell blend of multiple serotypes
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 (up to 6 months). Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: 0.0268% PBS
Purity	Protein A purified
Purification notes	>95% pure.
Clonality	Polyclonal
Isotype	IgG

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab20429 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. Fix with acetone.
ELISA		Use at an assay dependent dilution.

Target

Relevance

Streptococcus pneumoniae are Gram positive diplococci, alpha hemolytic aerotolerant anaerobes. *S. pneumoniae* is a significant human pathogen, being recognized as a major cause of pneumonia in the late 19th century, and is currently the subject of many humoral immunity studies. *S. pneumoniae* is a transient member of the normal flora, colonizing the nasopharynx of 40% of healthy adults and children with no adverse effects. There are more than 90 serotypes: serotypes 6, 14, 18, 19, and 23 are the most prevalent accounting for 60-80% of infections depending on the area of the world. Pneumococcal infection accounts for more deaths than any other vaccine preventable bacterial disease. *S. pneumoniae* can express several different virulence factors which contribute to some of the clinical manifestations seen during infection.

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

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