

Product datasheet

Biotin Anti-Streptococcus pneumoniae antibody ab69534

1 References

Overview

Product name	Biotin Anti-Streptococcus pneumoniae antibody
Description	Biotin Rabbit polyclonal to Streptococcus pneumoniae
Host species	Rabbit
Conjugation	Biotin
Specificity	ab69534 reacts with Streptococcus pneumoniae in bacterial and infected tissue samples.
Tested applications	Suitable for: ELISA, ICC/IF
Species reactivity	Reacts with: Streptococcus pneumoniae
Immunogen	Tissue, cells or virus corresponding to Streptococcus pneumoniae. Streptococcus whole-cell blend (serotypes: 3, 4, 6, 7, 9, 14, 18, 19 & 23).
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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.1% Sodium azide Constituent: 0.0268% PBS
Purity	Affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab69534 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 dilution.
ICC/IF		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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