



Magic™ Anti-S. pneumoniae Monoclonal antibody, Clone N204422 (DCABY-4818)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Streptococcus pneumoniae
Target	S. pneumoniae
Immunogen	Streptococcus Pneumoniae antibody was raised in mouse using the Streptococcus pneumoniae common C-polysaccharide as the immunogen.
Isotype	IgG3
Source/Host	Mouse
Species Reactivity	S. pneumoniae
Clone	N204422
Conjugate	Unconjugated
Applications	ELISA Pr*, IFA Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4818 - DCABY-4614
Format	Liquid
Size	1 mg
Buffer	10mM PBS, pH 7.2, with 0.1% NaN3.
Preservative	0.1% Sodium Azide
Storage	Aliquot and store at -20 °C Avoid repeated freeze/thaw cycles

BACKGROUND

Introduction

Streptococcus pneumoniae, or pneumococcus, is Gram-positive, alpha-hemolytic, bile-soluble aerotolerant, anaerobic member of the genus *Streptococcus*. *S. pneumoniae* is the most common cause of bacterial meningitis in adults, children, and dogs, and is one of the top two isolates found in ear infection, otitis media. The genome of *S. pneumoniae* is a closed, circular DNA structure that contains between 2.0 and 2.1 million basepairs.

Keywords

Streptococcus Pneumoniae; Pneumonia; Strep. *Pneumoniae*;