



# Magic™ Anti-S. pneumoniae Monoclonal antibody, Clone N83720 (DCABY-4614)

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

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody recognizes the Streptococcus pneumoniae C-polysaccharide
<b>Target</b>	S. pneumoniae
<b>Immunogen</b>	Streptococcus pneumoniae antibody was raised in mouse using C-polysaccharide of streptococcus pneumoniae as the immunogen.
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	S. pneumoniae
<b>Clone</b>	N83720
<b>Purification</b>	Purified from ascites fluid or culture by Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA Pr*, IFA Suggested pair for sandwich ELISA (Capture - Detection): <a href="#">DCABY-4818</a> - DCABY-4614
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	Supplied in 0.01 M PBS, pH 7.2 containing 0.1% Na <sub>3</sub> N and BSA at 10 mg/ml.
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Aliquot and store at -20 °C Avoid repeated freeze thaw cycles.

## BACKGROUND

**Introduction**

*Streptococcus pneumoniae* is a Gram-positive diplococcus with a well-formed capsule. This organism is one of the commonest seen in community-acquired pneumonias, accounting for up to 25% of these infections. It is an important pathogen causing invasive diseases such as sepsis, meningitis, and pneumonia.

**Keywords**

*Streptococcus Pneumoniae*; S *Pneumoniae*; Pneumonia; *Streptococcus Pneumoniae* Pneumonia; Strep. *Pneumoniae*; Pneumococcal;