



# Rabbit Anti-Strep A monoclonal antibody, clone 3761 (CABT-LM337)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit monoclonal antibody specific to the Group A Streptococcus carbohydrate.
<b>Specificity</b>	Antibody recognizes group A Streptococcus carbohydrate. No cross-reactivity with Streptococci groups B, C, D, F, G or other bacteria
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Streptococcus
<b>Clone</b>	3761
<b>Purification</b>	Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	1 mg
<b>Buffer</b>	0.01 M PBS, pH 7.2, 0.9 % NaCl
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

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Ship

Wet ice

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## BACKGROUND

### Introduction

The group A streptococcus bacterium (*Streptococcus pyogenes*, or GAS) is a form of  $\beta$ -hemolytic bacteria responsible for most cases of streptococcal illness. Other types (B, C, D, and G) may also cause infection. *S. pyogenes* is the cause of many diseases infecting humans, ranging from mild superficial skin infections to life-threatening systemic diseases. Examples of mild *S. pyogenes* infections include pharyngitis and localized skin infection. Usually, a throat swab is taken to the laboratory for testing. Testing can be performed using rapid test which is then verified using traditional bacterial stain and culture.

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### Keywords

group A streptococcus bacterium;strep A;Group A Streptococcus;GAS

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