



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

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

BACKGROUND

Introduction

The group A streptococcus bacterium (*Streptococcus pyogenes*, or GAS) is a form of β -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.

Keywords

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