



Magic™ Rabbit Anti-GBS Monoclonal antibody, clone 73S (CABT-CS183)

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

PRODUCT INFORMATION

Specificity	Group B Streptococcus carbohydrate. Reacts with all GBS strains tested; no cross reactivity with Streptococci groups A, C, D, F and G. Also no cross reactivity with Chlamydia, E. coli and Listeria.
Target	GBS
Immunogen	Lancefield Group B Streptococcus carbohydrate antigen.
Isotype	IgG1
Source/Host	Rabbit
Species Reactivity	GBS strains
Clone	73S
Purification	> 90% pure (SDS-PAGE). Protein A Chromatography
Conjugate	unconjugated
Applications	Suitable for use in ELISA. This antibody reacts with the GBS Lancefield carbohydrate antigen found on the surface of the bacterium. It can be released from specimens by extraction and detected via Immunoassay methods.
Format	Liquid
Size	1 mg
Buffer	0.01 M Phosphate Buffered Saline, pH 7.2
Preservative	0.1% Sodium Azide

Storage

Store at 2-8°C.

BACKGROUND

Introduction

Group B Streptococcus (GBS) is a type of gram-positive streptococcal bacteria also known as *Streptococcus agalactiae*. This type of bacteria (not to be confused with group A strep, which causes strep throat) is commonly found in the human body (this is termed colonization), and it usually does not cause any symptoms. However, in certain cases, it can be a dangerous cause of various infections that can affect nonpregnant adults, pregnant women, and their newborn infants.

KeywordsGBS; Group B Streptococcus; Streptococcus
