



Magic™ Mouse Anti-C. Perfringens epsilon Toxin Monoclonal antibody, Clone 4D6 (CABT-ZS1001)

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

PRODUCT INFORMATION

Specificity	C. Perfringens epsilon Toxin
Target	C. Perfringens epsilon Toxin
Isotype	IgG
Source/Host	Mouse
Species Reactivity	C. Perfringens
Clone	4D6
Purification	Protein G
Conjugate	unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	0.1M Sodium Phosphate, pH 7.4, 0.15M NaCl, 0.05% (w/v) Sodium Azide
Preservative	0.05% (w/v) Sodium Azide
Storage	Store at -20°C

BACKGROUND

Introduction

Clostridium perfringens is a Gram positive, anaerobic, toxin producing sporeforming rod that is commonly found in normal intestinal bacteria. It is a cause of wound infections and food poisoning in humans. C. perfringens spores are ubiquitous in the environment. When the spores are injected or inoculated into a wound, bacteria grow and produce toxins. Epsilon toxin is one of the toxins of type B and type D strains of C. perfringens. Epsilon toxin has been suggested as a potential biological weapon. Epsilon toxin damages cell walls and causes potassium and fluid leakage from cells.

Keywords

Clostridium perfringens; C. perfringens; Clostridium Perfringens Epsilon Toxin; C. Perfringens Epsilon Toxin; Epsilon Toxin