



Mouse Anti-C.Perfringens collagenase Monoclonal antibody, clone DQ12 (CABT- CS108)

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

PRODUCT INFORMATION

Specificity	Reacts with collagenases of C. perfringens and C. histolyticum.
Target	C.Perfringens collagenase
Immunogen	Culture supernatant of Clostridium perfringens
Isotype	IgM
Source/Host	Mouse
Species Reactivity	C. perfringens, C. histolyticum
Clone	DQ12
Purification	Purified using Ab-Capture for IgM
Conjugate	unconjugated
Applications	WB, ELISA
Format	Liquid
Concentration	1 mg/mL
Size	100 µg
Buffer	PBS, 50% glycerol
Preservative	None

Storage

Ship at 4°C and store at -20°C. Do not freeze.

BACKGROUND

Introduction

Clostridium perfringens is one of the major causative agents of food poisoning. *C. perfringens* produces various gelatinolytic enzymes with molecular masses ranging from approximately 120 to approximately 60 kDa. A gelatinolytic enzyme is present in the largest quantity in the culture supernatant, and this enzyme is purified as collagenase. The collagenase of *Clostridium histolyticum* (68 kDa) is the best studied and characterized.

Keywords

C.*Perfringens* collagenase; C.*Perfringens*
