



# 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

<b>Specificity</b>	Reacts with collagenases of <i>C. perfringens</i> and <i>C. histolyticum</i> .
<b>Target</b>	<i>C. Perfringens</i> collagenase
<b>Immunogen</b>	Culture supernatant of <i>Clostridium perfringens</i>
<b>Isotype</b>	IgM
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	<i>C. perfringens</i> , <i>C. histolyticum</i>
<b>Clone</b>	DQ12
<b>Purification</b>	Purified using Ab-Capture for IgM
<b>Conjugate</b>	unconjugated
<b>Applications</b>	WB, ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	1 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	PBS, 50% glycerol
<b>Preservative</b>	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

---