



**IBT BIOSERVICES**

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## **Anti-*C. perfringens* epsilon toxin (ETX)**

**Catalog #:** 0240-001

**Lot #:** 1303003

**Immunogen:** Recombinant *C. perfringens* ETX

**Description:** A chimeric IgG produced in *N. benthamiana* and is reactive to *C. perfringens* ETX.

**Supplied:** 100 µg is supplied in PBS pH 7.4 at a concentration of 0.57 mg/mL.

**Purification:** Antibody is purified using immobilized protein A.

**Clonality:** Murine variable, human constant of the IgG<sub>1</sub> isotype.

**Relevance:** This monoclonal is a potent neutralizer of toxin (IC<sub>50</sub> = 20 ng/ml) *in vitro* and protects mice against ETX challenge (100% protection with 1 mg/kg against 30 LD<sub>50</sub>).

### **Recommended Dilutions:**

**ELISA:** Recommended antibody concentration from 10 – 100 ng/mL.

**WB:** This antibody has not been tested in Western Blot analysis.

**Storage:** 2-3 weeks +4°C, -80°C long term. Avoid repeated freeze/thaws.

**Cross Reactivity:** No known cross reactivity.

### **Related Products:**

Human anti- *C. difficile* toxin A Antibody

Catalog # 0250-001

Human anti- *C. difficile* toxin B Antibody

Catalog # 0250-002

**Intended for research use only, not for human, therapeutic, or diagnostic applications.**