



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 IgG₁ isotype.

Relevance: This monoclonal is a potent neutralizer of toxin (IC₅₀ = 20 ng/ml) *in vitro* and protects mice against ETX challenge (100% protection with 1 mg/kg against 30 LD₅₀).

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.