

**Monoclonal Anti-Epsilon Toxin from *Clostridium perfringens*, Clone P5C10C11  
(produced *in vitro*)**

**Catalog No. NR-15474**

This reagent is the tangible property of the U.S. Government.

**Product Description:** Monoclonal antibody prepared against recombinant epsilon toxin from *Clostridium perfringens* was purified from hybridoma clone P5C10C11 supernatant by protein G affinity chromatography.

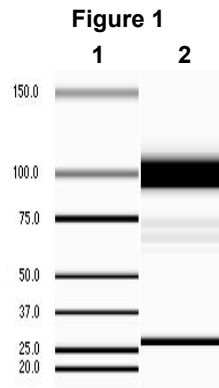
**Lot: 58764968**

**Manufacturing Date: 16FEB2010**

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG2bk and IgMk <sup>1</sup>
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 95.8% pure <sup>2</sup>
Concentration and Content by Spectrophotometer at OD <sub>280</sub>	Report results	0.86 mg/mL (86 µg per vial)
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

<sup>1</sup>Using IsoStrip Mouse Monoclonal Antibody Isotyping Kit (Roche 11493027001) and Mouse Monoclonal Antibody Isotyping Test Kit (AbD Serotec MMT-1); Experion Pro260 analysis indicates that IgM predominates (see Figure 1).

<sup>2</sup>Based on relative abundance of dominant immunoglobulin heavy and light chains (µ + κ)



Lane 1: MW Markers (kDa)  
Lane 2: NR-15474

**Date:** 19 DEC 2011

**Signature:** Dorothy C. Young

**Title:** Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

