

**Monoclonal Anti-Epsilon Toxin from *Clostridium perfringens*, Clone P5C10C5  
(produced *in vitro*)**

**Catalog No. NR-15475**

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 P5C10C5 supernatant by protein G affinity chromatography.

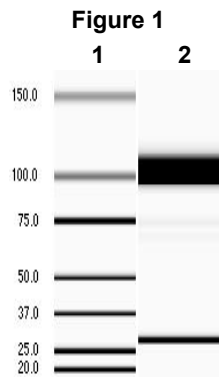
**Lot: 58764982**

**Manufacturing Date: 14JAN2010**

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) 98.4% pure <sup>2</sup>
Concentration and Content by Spectrophotometer at OD <sub>280</sub>	Report results	0.5 mg/mL (50 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-15475

**Date:** 19 DEC 2011

**Signature:** *Dorothy C. Young*

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

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