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

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<th>SPECIFICATIONS</th>
<th>RESULTS</th>
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<td>Report results</td>
<td>IgG2b and IgM¹</td>
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<td>Experion Pro260 Analysis</td>
<td>Correct molecular weight (MW) for heavy and light chains</td>
<td>Correct MW for heavy and light chains (Figure 1) 95.8% pure²</td>
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<td>Concentration and Content by Spectrophotometer at OD₂₅₀</td>
<td>Report results</td>
<td>0.86 mg/mL (86 µg per vial)</td>
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<td>Sterility</td>
<td>0.22 µm filter-sterilized</td>
<td>0.22 µm filter-sterilized</td>
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¹Using 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).

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

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**Date:** 19 DEC 2011

**Signature:** Dorothy C. Young

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

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