

**Monoclonal Anti-Botulinum Neurotoxin Subtype A1, Clone A10B3.5A (produced *in vitro*)**

**Catalog No. NR-20809**

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

**Product Description:** Mouse monoclonal antibody prepared against the subtype A1 neurotoxin of *Clostridium botulinum* was purified from clone A10B3.5A hybridoma supernatant by protein G affinity chromatography.

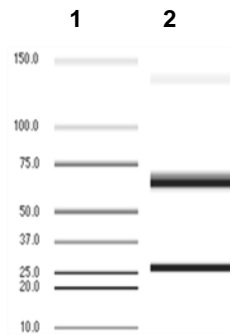
**Lot: 59663608**

**Manufacturing Date: 22APR2011**

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG2bk
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 96.3% pure
Concentration by Spectrophotometer at OD <sub>280</sub>	Report results	1.2 mg/mL
Functional Activity by Western Blotting <sup>1</sup>	Report results	Reactive with BoNT/A light chain
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

<sup>1</sup>Using 0.65 µg of Botulinum neurotoxin type A (BEI Resources NR-4529) and a 1:1,000 dilution of NR-20809 followed by a 1:10,000 dilution of IRDye 680LT-conjugated goat anti-mouse IgG (H + L) secondary antibody (LiCor 926-68020).

Figure 1



Lane 1: MW Markers (kDa)  
Lane 2: NR-20809

**Date:** 04 JAN 2012

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

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

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