

Monoclonal Anti-Botulinum Neurotoxin Type B, Clone BM.3G6.12G (produced *in vitro*)

Catalog No. NR-20815

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

Product Description: Mouse monoclonal antibody prepared against the type B neurotoxin of *Clostridium botulinum* purified from clone BM.3G6.12G hybridoma supernatant by protein G affinity chromatography.

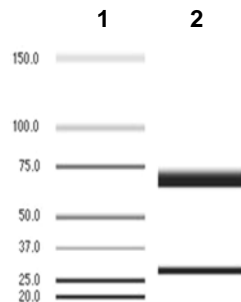
Lot: 59663615

Manufacturing Date: 13APR2011

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) >99.9% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.3 mg/mL
Functional Activity by Western Blotting ¹	Report results	Reactive with BoNT/B light chain
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

¹Using 0.65 µg of Botulinum neurotoxin type A (BEI Resources NR-4529) and a 1:1,000 dilution of NR-20815 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-20815

Date: 06 JAN 2012

Signature:

Dorothy C. Young

Title: Technical Manager, BEI Authentication or designee

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