

Monoclonal Anti-Botulinum Neurotoxin Type B, Clone BM.7H7.7D (produced *in vitro*)

Catalog No. NR-20816

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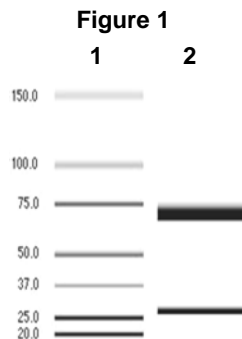
Product Description: Mouse monoclonal antibody prepared against the type B neurotoxin of *Clostridium botulinum* purified from clone BM.7H7.7D hybridoma supernatant by protein G affinity chromatography.

Lot: 59663616

Manufacturing Date: 13APR2011

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG2ak
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 99.0% 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 heavy 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-20816 followed by a 1:10,000 dilution of IRDye 680LT-conjugated goat anti-mouse IgG (H + L) secondary antibody (LiCor 926-68020).



Lane 1: MW Markers (kDa)
Lane 2: NR-20816

Date: 06 JAN 2012

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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