

Monoclonal Anti-Botulinum Neurotoxin Type E, Clone E5F8.8A (produced *in vitro*)

Catalog No. NR-20818

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

Product Description: Mouse monoclonal antibody prepared against the type E neurotoxin of *Clostridium botulinum* purified from clone E5F8.8A hybridoma supernatant by protein G affinity chromatography.

Lot: 59663619

Manufacturing Date: 29MAR2011

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) 94.8% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.6 mg/mL
Functional Activity by Western Blotting ¹	Report results	Reactive with BoNT/E heavy chain
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

¹Using 0.4 µg of Botulinum neurotoxin type E (BEI Resources NR-4769) and a 1:250 dilution of NR-20818 followed by a 1:10,000 dilution of IRDye® 800CW-conjugated goat anti-mouse IgG (H + L) secondary antibody (LiCor 926-68020).



Lane 1: MW Markers (kDa)
Lane 2: NR-20818

Date: 12 FEB 2013

Signature:

Dorothy C. Young

Title: Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

