



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

5171 Wilfong Road
Memphis, TN 38134
USA

Telephone: 901-382-8716

Fax: 901-333-8223

Email: info@meridianlifescience.com

www.MeridianLifeScience.com

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: C01372M **Lot #:** 8B04611

Description: MAb to *C. botulinum* Toxin A
Monoclonal Antibody to *Clostridium botulinum* Toxin A (a.a. 1280-1292)

Specificity: Binds to intact whole *C. botulinum* Toxin A, amino acids 1280-1292. Has been found to stain Neuro2A cells treated with G_{T1b} ganglioside prior to the addition of *C. botulinum* Toxin A. Inhibits the entry of *C. botulinum* Toxin A to Neuro2A cells treated with G_{T1b} ganglioside prior to the addition of the toxin.

Cross-Reactivity:

<i>C. botulinum</i> Toxin A (1280-1292)	100%
<i>C. botulinum</i> Toxin A	100%
<i>C. botulinum</i> Toxin B	0%
<i>C. botulinum</i> Toxin C	0%
<i>C. botulinum</i> Toxin E	0%
<i>C. botulinum</i> Toxin F (1272-1280)	0%

Clone: B365M

Host Animal: Mouse **Isotype:** IgG

Source: Culture

Immunogen: Synthetic peptide analogue of the carboxyl terminal region of *C. botulinum* Toxin A (Catalog #R01372).

Format: Supernatant, Liquid

Purification: Not Applicable
Product is sterile filtered.

Concentration: Not Determined

Affinity Constant: Not Determined

Buffer: Not Applicable

Preservative: None

Applications: Suitable for use in ELISA, IFA and RIA. Suitable for use in an indirect immunocytochemical staining procedure at a dilution of 1:50. Prior incubation of the antibody with synthetic peptide immunogen (Catalog #R01372) has been shown to eliminate the inhibition of cellular binding by the antibody. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.

Signature

29 Sep 2015

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY