



# Meridian

## Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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### CERTIFICATE OF ANALYSIS

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

**Catalog #:** C01374M **Lot #:** 5K33416

**Description:** MAb to *C. botulinum* Toxin B  
Monoclonal Antibody to *Clostridium botulinum* Toxin B (a.a. 1278-1291)

**Specificity:** Binds to intact whole *C. botulinum* Toxin B, amino acids 1278-1291. Has been found to stain Neuro2A cells treated with G<sub>T1b</sub> ganglioside prior to the addition of *C. botulinum* Toxin B. Inhibits the entry of *C. botulinum* Toxin B to Neuro2A cells treated with G<sub>T1b</sub> ganglioside prior to the addition of the toxin.

Cross-Reactivity:

<i>C. botulinum</i> Toxin B (1278-1291)	100%
<i>C. botulinum</i> Toxin B	100%
<i>C. botulinum</i> Toxin A	0%
<i>C. botulinum</i> Toxin C	0%
<i>C. botulinum</i> Toxin E	0%
<i>C. botulinum</i> Toxin F (1272-1280)	0%

**Host Animal:** Mouse **Isotype:** IgG

**Source:** Culture

**Immunogen:** Synthetic peptide analogue of the carboxyl terminal region of *C. botulinum* Toxin B (Catalog #R01374).

**Format:** Supernatant, Liquid

**Purification:** Not Applicable  
Product is sterile filtered.

**Concentration:** 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 1:25. Prior incubation of the antibody with synthetic peptide immunogen (Catalog #R01374) 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 November 2016

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**