

## *Clostridium botulinum* Toxin A monoclonal antibody, clone B364M

Catalog # MAB4094

Size

### Specification

|                            |  |
|----------------------------|--|
| <b>Product Description</b> | Mouse monoclonal antibody raised against synthetic peptide of <i>Clostridium botulinum</i> Toxin A.  |
| <b>Immunogen</b>           | A synthetic peptide corresponding to amino acids 1280-1292 of <i>Clostridium botulinum</i> Toxin A.  |
| <b>Host</b>                | Mouse  |
| <b>Reactivity</b>          | Bacteria   |
| <b>Specificity</b>         | <p>Binds to intact whole C. botulinum Toxin A, amino acids 1280-1292. Has been found to stain Neuro2 A cells treated with GT1b ganglioside prior to the addition of C. botulinum Toxin A. Inhibits the entry of C. botulinum Toxin A to Neuro2A cells treated with GT1b ganglioside prior to the addition of the toxin.</p> <p>Cross-reactivity:</p> <p>C. botulinum Toxin A (1280-1292) 100%</p> <p>C. botulinum Toxin A 100%</p> <p>C. botulinum Toxin B 0%</p> <p>C. botulinum Toxin C 0%</p> <p>C. botulinum Toxin E 0%</p> <p>C. botulinum Toxin F (1272-1280) 0%</p> |
| <b>Form</b>                | Liquid   |
| <b>Isotype</b>             | IgM  |
| <b>Recommend Usage</b>     | <p>Immunocytochemistry (1:25)</p> <p>The optimal working dilution should be determined by the end user.</p>  |
| <b>Storage Buffer</b>      | In culture supernatant   |
| <b>Storage Instruction</b> | <p>Store at -20°C.</p> <p>Aliquot to avoid repeated freezing and thawing.</p>  |

### Applications

- Immunocytochemistry

- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay
- Radioimmunoassay
- Enzyme Immunoassay