

## Product datasheet for **AM31423AF-N**

### Botulinum neurotoxin type B (1278-1291) Mouse Monoclonal Antibody [Clone ID: B362M]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	B362M
Applications:	ELISA, IF, R
Recommended Dilution:	ELISA. Immunofluorescence. Radioimmunoassay. Suitable for use in an indirect immunocytochemical staining procedure at a dilution of 1/25. Prior incubation of the antibody with synthetic peptide immunogen has been shown to eliminate the inhibition of cellular binding by the antibody.
Reactivity:	Clostridium botulinum
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Synthetic peptide analogue of the carboxyl terminal region of C. botulinum Toxin B
Specificity:	Binds to intact whole C. botulinum Toxin B, amino acids 1278-1291. Has been found to stain Neuro2A cells treated with GT1b ganglioside prior to the addition of C. botulinum Toxin B. Inhibits the entry of C. botulinum Toxin B to Neuro2A cells treated with GT1b ganglioside prior to the addition of the toxin. <u>Cross-reactivity:</u> C. botulinum Toxin B (1278-1291) 100% C. botulinum Toxin B 100% C. botulinum Toxin A 0% C. botulinum Toxin C 0% C. botulinum Toxin E 0% C. botulinum Toxin F (1272-1280) 0%
Formulation:	State: Azide Free State: Liquid purified culture supernatant
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.



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**Stability:** Shelf life: one year from despatch.

**Database Link:** [P10844](#)

**Synonyms:** Clostridium botulinum Toxin B, BoNT/B, botB, Bontoxilysin-B