

Product datasheet for **AM31421AF-N**

Botulinum neurotoxin type A (1280-1292) Mouse Monoclonal Antibody [Clone ID: B364M]

Product data:

Product Type:	Primary Antibodies
Clone Name:	B364M
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:	IgM
Clonality:	Monoclonal
Immunogen:	Synthetic peptide analogue of the Carboxyl terminal region of <i>C. botulinum</i> Toxin A
Specificity:	Binds to intact whole <i>C. botulinum</i> Toxin A, amino acids 1280-1292. Has been found to stain Neuro2A cells treated with GT1b ganglioside prior to the addition of <i>C. botulinum</i> Toxin A. Inhibits the entry of <i>C. botulinum</i> Toxin A to Neuro2A cells treated with GT1b 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%
Formulation:	State: Azide Free State: Liquid purified Culture Supernatant. Product is sterile filtered.
Conjugation:	Unconjugated



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Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P10845
Synonyms:	BoNT/A, Clostridium botulinum Toxin A, Bontoxilysin-A, BOTOX