

AM31423AF-N**Monoclonal Antibody to Botulinum neurotoxin type B
(1278-1291) - Azide Free**

Alternate names:	BoNT/B, Bontoxilysin-B, Clostridium botulinum Toxin B, botB
Quantity:	1 ml
Uniprot ID:	P10844
NCBI:	1491
Host / Isotype:	Mouse / IgG
Clone:	B362M
Immunogen:	Synthetic peptide analogue of the carboxyl terminal region of C. botulinum Toxin B
Format:	State: Liquid purified culture supernatant
Applications:	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. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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%
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.