Datasheet for ABIN234815

anti-Botulinum Neurotoxin Type B (BoNT/B) (AA 1278-1291), (C-Term) antibody

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Overview

Quantity:	1 mL
Target:	Botulinum Neurotoxin Type B (BoNT/B)
Binding Specificity:	AA 1278-1291, C-Term
Reactivity:	Clostridium botulinum
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	Un-conjugated
Application:	ELISA, Radioimmunoassay (RIA), Indirect Immunofluorescence Assay (IFA)

Product Details

Immunogen:	Synthetic peptide analogue of the carboxyl terminal region of C. botulinum Toxin B (Catalog ABIN573256)
Clone:	B362M
Isotype:	IgG
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.
Cross-Reactivity (Details):	Cross-reactivity: 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 %

Product Details

Characteristics:	MAb to C. botulinum Toxin B, Monoclonal antibody to Clostridium botulinum Toxin B (AA 1278-1291)
Purification:	Protein A column. Ascites

Target Details

Target:	Botulinum Neurotoxin Type B (BoNT/B)
Alternative Name:	Clostridium Botulinum Toxin B (BoNT/B Products)

Application Details

Application Notes:	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 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.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Preservative:	Without preservative
Handling Advice:	Avoid multiple freeze/thaw cycles. Centrifuge product if not completely clear after standing at room temperature. Prepare working dilution only prior to immediate use.
Storage:	-20 °C
Storage Comment:	Upon receipt, store at -20 °C.