

## Product datasheet for **AM31426PU-N**

### Botulinum neurotoxin type A (1177-1195) Mouse Monoclonal Antibody [Clone ID: B29M]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	B29M
Applications:	ELISA, WB
Recommended Dilution:	<b>ELISA.</b> <b>Western Blot.</b>
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	Synthetic peptide of <i>C. botulinum</i> toxin A heavy chain, a.a. 1177-1195
Specificity:	This antibody recognizes <i>Clostridium botulinum</i> Type A Neurotoxin Heavy Chain (amino acids 1177-1195). Weak cross-reactivity with Type B and Type E toxoids.
Formulation:	PBS, pH 7.4 State: Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE) Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Euglobulin precipitation
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">P10845</a>
Background:	<i>Clostridium botulinum</i> neurotoxins are zinc-dependent proteases that block the release of acetylcholine from peripheral cholinergic nerve endings by targeting specific membrane proteins including synaptosomal-associated proteins (SNAP), vesicle-associated membrane proteins (VAMP), and syntaxins. Neurotoxin A is characteristically associated with human botulism and known to target and hydrolyse the 197-Gln- -Arg-198 bond of SNAP-25.
Synonyms:	BoNT/A, Clostridium botulinum Toxin A, Bontoxilysin-A, BOTOX



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