

BoTox-A Clone 201F6 Monoclonal Antibody | anti-botA antibody

Anti-Botulism Toxin-A Monoclonal Antibody 201F6

CATALOG #
AAA58819

PRODUCT SYNONYMS

BoTox-A Clone 201F6; Monoclonal Antibody; Anti-Botulism Toxin-A Monoclonal Antibody 201F6; BoTox-A (Clone 201F6); anti-botA antibody

PRODUCT SPECIFICATIONS

Clonality	Monoclonal
Isotype	Mouse IgM
Clone Number	201F6
Specificity	Monoclonal Antibody Polypeptide: % Cross Reactivity BoTox-A (1280-1292): 100 BoTox-A: 100 BoTox-B: 0 BoTox-C: 0 BoTox-E: 0 BoTox-F (1272-1280): 0
Form/Format	Supplied as Sterile Culture Supernatant
Sequence Length	1296
Inhibition Note	This monoclonal antibody containing culture supernatant has been found to inhibit the binding of BoTox-A to Neuro2A cells treated with GT1b ganglioside prior to the addition of the toxin. and prior incubation of the antibody with the synthetic peptide immunogen has been shown to eliminate the inhibition of cellular binding by the antibody.
Preparation and Storage	Store at -20°C

ADDITIONAL INFORMATION

Related Product Information for anti-botA antibody	This sterile filtered culture supernatant contains mouse monoclonal antibody 201F6. a mouse IgM class MAb. raised against a synthetic peptide analogue of the carboxyl terminal region of BoTox-A. This monoclonal antibody has been found to bind to intact whole BoTox-A by ELISA. RIA and cell staining techniques. This monoclonal antibody was tested for recognition of other BoTox isoforms by ELISA and immunocytochemical techniques. Each vial contains 1.0 ml of culture supernatant Immunofluorescent Staining of Neuro2A Cells Immunofluorescent: This monoclonal antibody containing culture supernatant has been found to stain Neuro2A cells treated with GT1b ganglioside prior to the addition of BoTox-A at a dilution of 1:25 using an indirect immunocytochemical staining procedure. Following the treatment. the cells were washed x 4. fixed in neutral buffered formalin for 10 min. permeablized and blocked. They were reacted for 60 minutes with the culture supernatant diluted 1:25. and then with FITC-conjugated goat anti-mouse IgM. The immunofluorescent staining pattern was observed using epifluorescent microscopy.
Product Categories/Family for anti-botA antibody	BoTox and BoTox Substrate Antibodies and Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	399133
NCBI Accession #	P10845
NCBI GenBank Nucleotide #	P10845
UniProt Accession #	P10845; P01561; P18639
NCBI Official Full Name	Botulinum neurotoxin type A
NCBI Official Symbol	botA
UniProt Protein Name	Botulinum neurotoxin type A
UniProt Gene Name	botA
UniProt Synonym Gene Names	atx; bna
UniProt Entry Name	BXA1_CLOBO

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/botox-a-clone-201f6-antibody-clone-201f6-elisa/58819>