

# Product Datasheet

## BoNT-A Light Chain Antibody (503013) [Janelia Fluor® 646] FAB4489J

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB4489J**

BoNT-A Light Chain Antibody (503013) [Janelia Fluor® 646]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	503013
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Janelia Fluor 646
Purity	Protein A or G purified from hybridoma culture supernatant
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	5185061
Gene Symbol	atx
Species	<i>C. botulinum</i>
Reactivity Notes	<i>C. botulinum</i>
Specificity/Sensitivity	Detects <i>C. botulinum</i> BoNT-A Light Chain in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with BoNT-B light chain, BoNT-E light chain, BoNT-A heavy chain, BoNT-C1 heavy chain, or BoNT-D heavy chain is observed.
Immunogen	<i>E. coli</i> -derived recombinant Clostridium BoNT-A Light Chain Met1-Phe425 Accession # Q45894
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

Product Application Details	
Applications	Western Blot, Immunoprecipitation, Immunocytochemistry
Recommended Dilutions	Western Blot, Immunoprecipitation, Immunocytochemistry
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to FAB4489J**

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4489-ZN-010	BoNT-A Light Chain [Unconjugated]
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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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