

# Product Datasheet

## BoNT-A Light Chain Antibody (503013) [DyLight 594] FAB4489M

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB4489M**

BoNT-A Light Chain Antibody (503013) [DyLight 594]

| 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                   | DyLight 594                                                                                                                                                                                                                                       |
| 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<br>Met1-Phe425<br>Accession # Q45894                                                                                                                                           |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                 |
| 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 FAB4489M**

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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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