

# Product Datasheet

## BoNT-D Light Chain Antibody [DyLight 405] AF6037E

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF6037E****BoNT-D Light Chain Antibody [DyLight 405]**

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 0.1 ml   |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                     | Store at 4C in the dark.   |
| <b>Clonality</b>                   | Polyclonal   |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG  |
| <b>Conjugate</b>                   | DyLight 405  |
| <b>Purity</b>                      | Antigen Affinity-purified  |
| <b>Buffer</b>                      | 50mM Sodium Borate   |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Sheep  |
| <b>Species</b>                     | <i>C. botulinum</i>  |
| <b>Reactivity Notes</b>            | <i>C. botulinum</i>  |
| <b>Specificity/Sensitivity</b>     | Detects <i>C. botulinum</i> BoNT-D Light Chain in direct ELISAs and Western blots. In direct ELISAs, approximately 5% cross-reactivity with recombinant Light Chains of BoNT-A, -B, -C1, -E, -F, and -G is observed. |
| <b>Immunogen</b>                   | <i>E. coli</i> -derived recombinant Clostridium BoNT-D Light Chain<br>Thr2-Ser428<br>Accession # P19321  |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Western Blot   |
| <b>Recommended Dilutions</b>       | Western Blot   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.   |



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### **Products Related to AF6037E**

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|             |                    |
|-------------|--------------------|
| 6037-ZN-010 | BoNT-D Light Chain |
|-------------|--------------------|

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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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