

# Product Datasheet

## BoNT-B Light Chain Antibody [DyLight 594] AF5420M

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF5420M****BoNT-B Light Chain Antibody [DyLight 594]**

| <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 594                                                                                                                                                                                                                                                 |
| <b>Purity</b>                      | Antigen Affinity-purified                                                                                                                                                                                                                                   |
| <b>Buffer</b>                      | 50mM Sodium Borate                                                                                                                                                                                                                                          |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                             |
| <b>Host</b>                        | Sheep                                                                                                                                                                                                                                                       |
| <b>Gene ID</b>                     | 6030102                                                                                                                                                                                                                                                     |
| <b>Gene Symbol</b>                 | boNT/B                                                                                                                                                                                                                                                      |
| <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-B Light Chain in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 1% cross-reactivity with recombinant Light Chains of BoNT-A, -E, or recombinant Heavy Chains of BoNT-C, or -D is observed. |
| <b>Immunogen</b>                   | <i>E. coli</i> -derived recombinant Clostridium BoNT-B Light Chain<br>Pro2-His428<br>Accession # P10844                                                                                                                                                     |
| <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, Immunoprecipitation                                                                                                                                                                                                                           |
| <b>Recommended Dilutions</b>       | Western Blot, Immunoprecipitation                                                                                                                                                                                                                           |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                      |





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **Products Related to AF5420M**

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|             |                                   |
|-------------|-----------------------------------|
| 5420-ZN-010 | BoNT-B 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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