

# Product Datasheet

## Legionella Pneumophila Antibody (2F10) [DyLight 405] NB110-2520V

Unit Size: 0.2 ml

Store at 4C in the dark.

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**NB110-2520V****Legionella Pneumophila Antibody (2F10) [DyLight 405]**

| <b>Product Information</b> |                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>           | 0.2 ml                                                                                                           |
| <b>Concentration</b>       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>             | Store at 4C in the dark.                                                                                         |
| <b>Clonality</b>           | Monoclonal                                                                                                       |
| <b>Clone</b>               | 2F10                                                                                                             |
| <b>Preservative</b>        | 0.05% Sodium Azide                                                                                               |
| <b>Isotype</b>             | IgG3                                                                                                             |
| <b>Conjugate</b>           | DyLight 405                                                                                                      |
| <b>Purity</b>              | Protein G purified                                                                                               |
| <b>Buffer</b>              | 50mM Sodium Borate                                                                                               |

| <b>Product Description</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>                 | Bacteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity Notes</b>        | Bacteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Specificity/Sensitivity</b> | Reacts with LPS membrane of Legionella pneumophila. No cross-reactivity with Legionella pneumophila serogroups 2, 6, 7, 10 and 11, Legionella bozemanii, Legionella lonbeachae, Legionella micdadei, Corynebacterium diphtheria, Pseudomonas fluorescens, Pseudomonas cepacia, Pseudomonas aeruginosa, Bordetella pertussis, Leptospira interrogans (Australia, Pomona, Icterogemorrhagia), Toxoplasma gondii, Hemophilus influenza (type B), Hemophilus ducreyi, Brucella abortus, Bacillus anthracis, Klebsiella pneumoniae, Listeria monocytogenes, Mycobacterium tuberculosis, Neisseria meningitidis, Pasteurella multocida, Proteus vulgaris, Shigella sonnei, Staphylococcus faecalis, Streptococcus puogenes, Streptococcus pneumoniae, Yersinia pseudotuberculosis, Yersinia pestis EV76, Salmonella typhi, Escherichia coli K88 and Francisella tularensis 15. Cross-reactivity with Legionella pneumophila serogroups 3 and 4 has not been tested. |
| <b>Immunogen</b>               | Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with membrane fraction of Legionella pneumophila, strain Philadelphia 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Notes</b>                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

| <b>Product Application Details</b> |                                                                        |
|------------------------------------|------------------------------------------------------------------------|
| <b>Applications</b>                | ELISA                                                                  |
| <b>Recommended Dilutions</b>       | ELISA                                                                  |
| <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  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **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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