

# Product Datasheet

## p41 Flagellin Antibody (6802) [Alexa Fluor™ Plus 488] NBP3-08849AFP488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-08849AFP488**

p41 Flagellin Antibody (6802) [Alexa Fluor™ Plus 488]

| <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>               | Monoclonal   |
| <b>Clone</b>                   | 6802   |
| <b>Preservative</b>            | 0.05% Sodium Azide   |
| <b>Isotype</b>                 | IgG2a Kappa  |
| <b>Conjugate</b>               | Alexa Fluor Plus 488   |
| <b>Purity</b>                  | Protein A or G purified  |
| <b>Buffer</b>                  | 50mM Sodium Borate   |
| <b>Product Description</b>     |  |
| <b>Host</b>                    | Mouse  |
| <b>Gene ID</b>                 | 46847386   |
| <b>Gene Symbol</b>             | fla  |
| <b>Species</b>                 | Bacteria   |
| <b>Reactivity Notes</b>        | Borrelia burgdorferi   |
| <b>Specificity/Sensitivity</b> | This monoclonal antibody recognizes <i>Borrelia burgdorferi</i> , and is specific for the p41 flagellar antigen (Flagellin). <i>Borrelia burgdorferi</i> is a species of bacteria of the spirochete class of the genus <i>Borrelia</i> . B. Lyme disease is a vector-borne, multisystem inflammatory disease caused by the spirochete <i>Borrelia burgdorferi</i> , which is transmitted to humans by the bite of ticks of the <i>Ixodes ricinus</i> complex. <i>B. burgdorferi</i> is divided into at least 11 species including <i>Borrelia burgdorferi sensu stricto</i> . <i>B. burgdorferi sensu stricto</i> resides in the cerebrospinal fluid of mammals in Europe and the United States and is most often associated with Lyme arthritis. <i>B. burgdorferi sensu stricto</i> commonly undergoes genome-wide genetic exchange, including plasmid transfers. This frequent recombination implies a potential for rapid adaptive evolution as well as a possible polygenic basis of <i>B. burgdorferi sensu stricto</i> pathogenicity. |
| <b>Immunogen</b>               | A crude sonicate of <i>Borrelia</i> spirochetes  |



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|--------------|--|
| <b>Notes</b> | <p>This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a>. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.</p> |
|--------------|--|

| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | ELISA, Immunocytochemistry/ Immunofluorescence                         |
| <b>Recommended Dilutions</b>       | ELISA, Immunocytochemistry/ Immunofluorescence                         |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined. |



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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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