

# Product Datasheet

## **p41 Flagellin Antibody (6802) [Janelia Fluor® 669] NBP3-08849JF669**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-08849JF669**

p41 Flagellin Antibody (6802) [Janelia Fluor® 669]

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	6802
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Conjugate	Janelia Fluor 669
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	46847386
Gene Symbol	fla
Species	Bacteria
Reactivity Notes	Borrelia burgdorferi
Specificity/Sensitivity	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. 'B. burgdorferi sensu stricto 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.
Immunogen	A crude sonicate of <i>Borrelia</i> spirochetes
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	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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