

Product datasheet for **BP1002B**

Borrelia burgdorferi Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	Immunohistochemistry on Formalin-Fixed Paraffin-Embedded Sections.
Reactivity:	<i>Borrelia burgdorferi</i>
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Whole cell preparation from <i>B. burgdorferi</i> .
Specificity:	Reactive Western blot bands at 83 kDa, 41 kDa, 34 kDa, 31 kDa and additional low MW bands. Cross-reacts with <i>Treponema pallidum</i> , <i>B. hermsii</i> and <i>B. parkerii</i> .
Formulation:	0.01M PBS, pH 7.2 Label: Biotin State: Liquid purified IgG fraction Stabilizer: None Preservative: 0.09% Sodium Azide Label: Covalently coupled with the N-Hydroxysuccinimide ester of under mild conditions to give a high degree of substitution
Concentration:	lot specific
Conjugation:	Biotin
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	<i>Borrelia burgdorferi</i> is a spirochete and the cause of Lyme disease, a tick transmitted illness of humans and animals. <i>B. burgdorferi</i> may persist in humans and animals for months or years following initial infection, despite a robust humoral immune response. <i>B. burgdorferi</i> resembles other spirochetes in that it is a highly specialized, motile, two-membrane, spiral shaped bacteria which lives primarily as an extracellular pathogen. <i>B. burgdorferi</i> has an unusual genome compared with other eubacteria which includes a linear chromosome approximately one megabase in size and numerous linear and circular plasmids.



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