

## Product datasheet for **AP33396FC-N**

### **Borrelia burgdorferi Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IF
<b>Recommended Dilution:</b>	<b>Immunofluorescence:</b> 1/10-1/50. Acetone fixation is recommended for best results.
<b>Reactivity:</b>	Bacteria
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Whole cell preparation from <i>B. burgdorferi</i> .
<b>Specificity:</b>	This anti <i>Borrelia burgdorferi</i> antibody recognizes one of the causative agents of Lyme disease. <i>B. burgdorferi</i> is a spirochaete bacterium and one of the few pathogenic bacteria capable of surviving in the absence of iron. This antibody cross reacts with <i>Treponema pallidum</i> , <i>Borrelia hermsii</i> and <i>Borrelia parkeri</i> .
<b>Formulation:</b>	PBS, pH 7.2 Label: FITC State: Purified State: Liquid purified IgG fraction Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide
<b>Concentration:</b>	lot specific
<b>Conjugation:</b>	FITC
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Background:</b>	<i>Borrelia burgdorferi</i> is a species of bacteria of the spirochete class of the genus Borrelia. <i>B. burgdorferi sensu stricto</i> (predominant in North America, but also in Europe), is the agent of Lyme disease, and is a sub species of <i>B. burgdorferi sensu lato</i> .



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