

AP33396FC-N**Polyclonal Antibody to *Borrelia burgdorferi* - FITC**

Quantity:	1 ml
Concentration:	4.0 mg/ml
Background:	<i>Borrelia burgdorferi</i> is a species of bacteria of the spirochete class of the genus <i>Borrelia</i> . <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> .
Host / Isotype:	Rabbit / IgG
Immunogen:	Whole cell preparation from <i>B. burgdorferi</i> .
Format:	State: Liquid purified IgG fraction Buffer System: PBS, pH 7.2 Preservatives: 0.09% Sodium Azide Stabilizers: 1% BSA Label: FITC
Applications:	Immunofluorescence: 1/10-1/50. Acetone fixation is recommended for best results. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	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> .
Storage:	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. Shelf life: one year from despatch.
General Readings:	1. De Socio GV, Simonetti S, Tomasini C, Ansidei V, Pasticci MB, Baldelli F. Malignant syphilis with ocular involvement in an HIV-infected patient. <i>Int J STD AIDS</i> . 2011 May;22(5):298-300. doi: 10.1258/ijisa.2010.010389. PubMed PMID: 21571984.