

**AP33396PU-N****Polyclonal Antibody to *Borrelia burgdorferi* - Purified**

<b>Quantity:</b>	1 ml
<b>Concentration:</b>	4.0 mg/ml
<b>Background:</b>	<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> .
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	Whole cell preparation from <i>B. burgdorferi</i> .
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction <b>Buffer System:</b> PBS, pH 7.2 <b>Preservatives:</b> 0.09% Sodium Azide
<b>Applications:</b>	<b>Western Blot.</b> <b>Immunofluorescence.</b> <b>Immunohistochemistry on Paraffin Sections.</b> <b>Immunohistochemistry on Frozen Sections.</b> Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<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>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	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/ijsa.2010.010389. PubMed PMID: 21571984.