


HRP Anti-Borrelia burgdorferi antibody ab20757

Overview

Product name	HRP Anti-Borrelia burgdorferi antibody
Description	HRP Rabbit polyclonal to Borrelia burgdorferi
Host species	Rabbit
Conjugation	HRP
Tested applications	Suitable for: ELISA, WB, IHC-P
Species reactivity	Reacts with: Borrelia burgdorferi Predicted to work with: Borrelia hermsii, Treponema pallidum, Borrelia parkeri 
Immunogen	Tissue, cells or virus corresponding to Borrelia burgdorferi. Whole cell preparation from B. burgdorferi.
General notes	<p>Purified IgG fraction of antiserum covalently coupled to a highly purified preparation of Horseradish Peroxidase (RZ>3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is removed.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.002% Thimerosal (merthiolate) Constituents: PBS, 1% BSA Warning: Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.
Purity	IgG fraction
Clonality	Polyclonal

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab20757 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		
WB		
IHC-P		

Application notes

ELISA: 1/200 - 1/1000.

IHC-P: 1/20 - 1/200.

WB: 1/20 - 1/200. Detects bands of approximately 83 kDa, 41 kDa, 34 kDa, 31 kDa and additional low MW bands. Dilution optimised using Chromogenic detection.

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

Borrelia burgdorferi is a spirochete and the cause of Lyme disease, a tick transmitted illness of humans and animals. *B. burgdorferi* may persist in humans and animals for months or years following initial infection, despite a robust humoral immune response. *B. burgdorferi* resembles other spirochetes in that it is a highly specialized, motile, two-membrane, spiral shaped bacteria which lives primarily as an extracellular pathogen. *B. burgdorferi* has an unusual genome compared with other eubacteria which includes a linear chromosome approximately one megabase in size and numerous linear and circular plasmids.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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