

## outer surface protein A Antibody

Catalog No: #62125

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## Description

Product Name	outer surface protein A Antibody
Brief Description	Rabbit Polyclonal
Host Species	Rabbit
Clonality	Polyclonal
Purification	affinity purified by Protein A
Applications	IHC;IF
Species Reactivity	B burgdorferi
Immunogen Type	Peptide
Immunogen Description	KLH conjugated synthetic peptide derived from Borrelia burgdorferi OSP: 1-100/273
Conjugates	Unconjugated
Calculated MW	83kDa
Concentration	1mg/ml
Formulation	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IHC 1:100-500, ICC/IF=1:100-500, ELISA=1:5000-10000

## Background

*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.

Note: This product is for in vitro research use only