

bs-12879R

[Primary Antibody]

outer surface protein A Rabbit pAb

Bioss
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

<p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>Target: outer surface protein A</p> <p>Immunogen: KLH conjugated synthetic peptide derived from <i>Borrelia burgdorferi</i> OSP: 1-100/273.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.</p> <p>Background: <i>Borrelia burgdorferi</i> is a spirochete and the cause of Lyme disease, a tick transmitted illness of humans and animals. <i>B. burgdorferi</i> may persist in humans and animals for months or years following initial infection, despite a robust humoral immune response. <i>B. burgdorferi</i> resembles other spirochetes in that it is a highly specialized, motile, two-membrane, spiral shaped bacteria which lives primarily as an extracellular pathogen. <i>B. burgdorferi</i> has an unusual genome compared with other eubacteria which includes a linear chromosome approximately one megabase in size and numerous linear and circular plasmids.</p>	<p>Isotype: IgG</p> <p>Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000)</p> <p>Reactivity: (predicted: <i>B. burgdorferi</i>)</p> <p>Predicted MW.: 83 kDa</p>
--	---

— SELECTED CITATIONS —

- **[IF=4.76]** Lerner, Mitchell B., et al. "Large Scale Commercial Fabrication of High Quality Graphene-Based Assays for Biomolecule Detection." *Sensors and Actuators B: Chemical* (2016). Other ;="". doi:10.1016/j.snb.2016.09.137