bs-12879R

[Primary Antibody]

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

outer surface protein A Rabbit pAb

DATASHEET

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Target: outer surface protein A

Immunogen: KLH conjugated synthetic peptide derived from Borrelia burgdorferi OSP: 1-100/273.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

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.

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) **IF** (1:100-500) ICC/IF (1:100-500) **ELISA** (1:5000-10000)

Reactivity: (predicted: B

burgdorferi)

Predicted MW.: 83 kDa

— 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