

Datasheet for ABIN5624576

OspB Protein**1** Image[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	OspB
Origin:	Borrelia burgdorferi
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	ELISA, Western Blotting (WB)

Product Details

Purification:	OspB is a fusion protein with an MBP tag and was expressed in E.coli. Analysis by SDS-PAGE resulted in a pattern consistent with purified OspB and was estimated to be greater than 95% pure.
Sterility:	Sterile filtered

Target Details

Target:	OspB
Gene ID:	1194340
UniProt:	P17739

Application Details

Application Notes:	Application Note: OspB is suitable as a control in immunological assays. Specific conditions for reactivity should be optimized by the end user. Expect a band at 72.7 kDa for OspB-MBP, (30.3
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Application Details

kDa for OspB and 42.4 for MBP) in size corresponding to OspB by Western blotting in the appropriate cell lysate or extract.

Western Blot Dilution: User Optimized

ELISA Dilution: User Optimized

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: None

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.

Expiry Date: 6 months

Images



SDS-PAGE

Image 1. SDS-PAGE of OspB Control Protein. Lane 1: Molecular Weight Marker. Lane 2: OspB Control Protein. Load: 10 µl at 1:2 dilution. Predicted/Observed size: 72.7 kDa fusion protein, 30.3 kDa for OspB, 42.4 kDa for MBP alone.