Product Datasheet

OspC Antibody - BSA Free

NBP2-21683

Unit Size: 0.1 mg

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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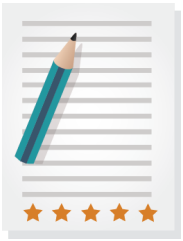


NBP2-21683

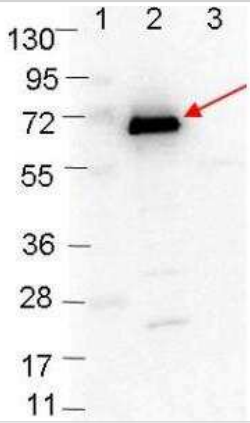
OspC Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Purity	Protein A purified
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description	
Description	This product was Protein-A purified and cross-adsorbed against MBP from monospecific antiserum by chromatography Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	1194415
Species	Bacteria
Reactivity Notes	Reactive with OspC from Borrelia burgdorferi. A BLAST analysis was used to suggest cross-reactivity with OspC from B. burgdorferi, afzelii, and valaisiana sources based on 100% homology with the immunizing sequence.. Partial reactivity is expected against B. japonica and americana sources based on 94% homology. Cross-reactivity with OspC from other sources has not been determined.. Cross-reactivity with OspC from other sources has not been determined
Immunogen	MBP-fusion protein corresponding to Borrelia burgdorferi OspC protein. (Uniprot: Q07337)

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000
Application Notes	This protein-A purified antibody has been tested for use in Western blotting and in ELISA. Specific conditions for reactivity should be optimized by the user. Expect a band approximately 20.7 kDa in size corresponding to Borrelia burgdorferi OspC protein by Western blotting in the appropriate cell lysate or extract.

Images

Western Blot: OspC Antibody [NBP2-21683] - Detection of 0.1 ug of recombinant OspC protein. Lane 1: Molecular weight markers. Lane 2: MBP-OspC fusion protein. Lane 3: MBP alone. Protein was run on a 4-20% gel, then transferred to 0.45 um nitrocellulose. After blocking with 1% BSA-TTBS overnight at 4C, primary antibody was used at 1:1000 at room temperature for 30 min. HRP-conjugated Goat-Anti-Rabbit secondary antibody was used at 1:40,000 in Blocking Buffer and imaged on the 4000 imaging system.	

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Products Related to NBP2-21683

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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