

Product Datasheet

OspC Antibody NBP2-21683

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-21683

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-21683



NBP2-21683

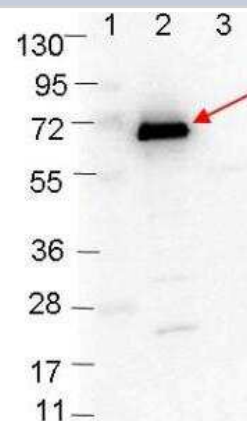
OspC Antibody

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 <i>Borrelia burgdorferi</i> . A BLAST analysis was used to suggest cross-reactivity with OspC from <i>B. burgdorferi</i> , <i>afzelii</i> , and <i>valaisiana</i> sources based on 100% homology with the immunizing sequence.. Partial reactivity is expected against <i>B. japonica</i> and <i>americana</i> 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 <i>Borrelia burgdorferi</i> 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 <i>Borrelia burgdorferi</i> 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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-21683

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

