

Product Datasheet

OspA Antibody - BSA Free NBP1-78112

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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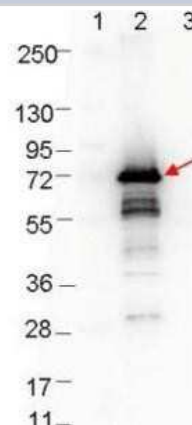
NBP1-78112

OspA Antibody - BSA Free

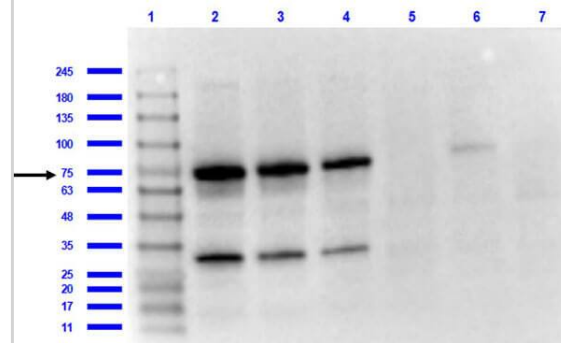
Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (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
Species	Bacteria
Reactivity Notes	Reactive with OspA from <i>Borrelia burgdorferi</i> . A BLAST analysis was used to suggest cross-reactivity with OspA from <i>B. burgdorferi</i> and sources based on 100% homology with the immunizing sequence.. Cross-reactivity with OspA or Osp from other sources has not been determined
Immunogen	MBP-fusion protein corresponding to <i>Borrelia burgdorferi</i> OspA protein. (Uniprot: P0CL66)
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:1000, ELISA 1:5000
Application Notes	This protein-A purified antibody has been tested for use in ELISA and Western blotting. Specific conditions for reactivity should be optimized by the user. Expect a band approximately 28.1 kDa in size corresponding to <i>Borrelia burgdorferi</i> OspA protein by Western blotting in the appropriate cell lysate or extract.

Images

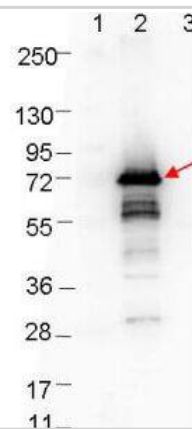
Western Blot: IL-12 p70/IL-12A Antibody [NBP1-78112] - OspA fusion protein (arrow; expected MW: 70.5 kDa). Lane 3: MBP alone. Protein was run on a 4-20% gel, then transferred to 0.45 um nitrocellulose. After blocking with 1% BSA-TTBS (diluted to 1X) overnight at 4 degrees C, primary antibody was used 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 imaging system



Western Blot of OspA Antibody. Lane 1: Opal Pre-stained Molecular Weight Marker



Western blot showing detection of 0.1 ug of recombinant OspA protein. Lane 1: Molecular weight markers. Lane 2: MBP-OspA fusion protein (arrow; expected MW: 70.5 kDa). 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





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Products Related to NBP1-78112

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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