

Borrelia burgdorferi Erpn/Ospe antibody

Cat. No. GTX48807

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ELISA
Reactivity	Borrelia burgdorferi

Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000
ELISA	1:5000

Not tested in other applications.

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	MBP-fusion protein corresponding to Borrelia burgdorferi ErpN/OspE protein.
Purification	Protein A purified From serum
Conjugation	Unconjugated

Note

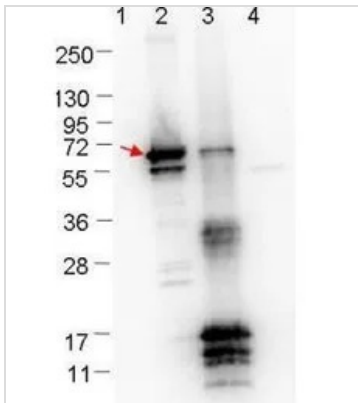
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DATA IMAGES



GTX48807 WB Image

Western blot showing detection of 0.1 μ g recombinant proteins in Western blot. Lane 1: Molecular weight markers. Lane 2: MBP-ErpN/OspE fusion protein (arrow; 59.5 kDa expected MW). Lane 3: fusion protein (MBP-tagged) plus cleaved fusion proteins (without MBP). Lane 4: MBP alone. The lower bands are probably breakdown products. The upper bands in lane 3 are fusion protein (top band), or breakdown products of the fusion protein (bands in middle of blot). Protein was run on a 4-20% gel, then transferred to 0.45 μ m nitrocellulose. After blocking with 1% BSA-TTBS overnight at 4°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 VersaDoc MP 4000 imaging system (Bio-Rad).



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