

Borrelia burgdorferi p35 antibody

Cat. No. GTX48805

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 p35 protein.
Purification	Protein A purified From serum
Conjugation	Unconjugated

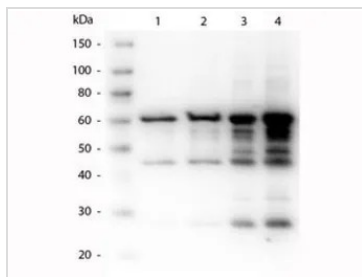
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

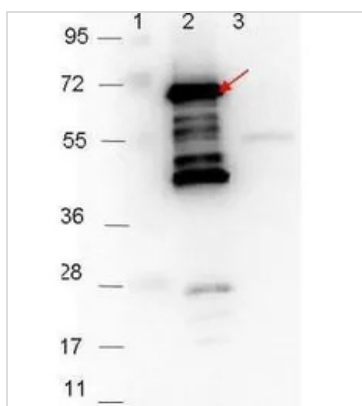
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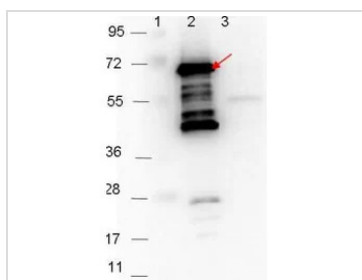
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DATA IMAGES

GTx48805 WB Image

Western Blot of Rabbit anti-p35 antibody. Lane 1: p35 recombinant protein 50 ng load. Lane 2: p35 recombinant protein 100 ng load. Lane 3: p35 recombinant protein 250 ng load. Lane 4: p35 recombinant protein 500 ng load. Primary antibody: p35 antibody at 1:1,000 for overnight at 4°C. Secondary antibody: Peroxidase rabbit secondary antibody at 1:40,000 for 30 min at RT. Blocking for 30 min at RT. Predicted/Observed size: 60 kDa, 60 kDa for p35.


GTx48805 WB Image

Western blot showing detection of 0.1 µg of recombinant p35 protein. Lane 1: Molecular weight markers. Lane 2: MBP-p35 fusion protein (arrow; expected MW: 69.5 kDa). Lane 3: MBP alone. Protein was run on a 4-20% gel, then transferred to 0.45 µm 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).


GTx48805 WB Image

WB analysis of various samples using GTx48805 *Borrelia burgdorferi* p35 antibody.

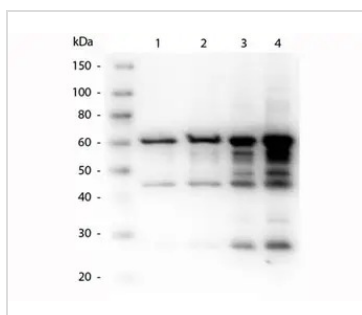
Lane 1 : Protein ladder

Lane 2 : MBP-p35 fusion protein

Lane 3 : MBP

Loading : 0.1 µg

Dilution : 1:1000


GTx48805 WB Image

WB analysis of recombinant *Borrelia burgdorferi* p35 protein using GTx48805 *Borrelia burgdorferi* p35 antibody.

Lane 1 : 50 ng

Lane 2 : 100 ng

Lane 3 : 250 ng

Lane 4 : 500 ng

Dilution : 1:1000



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