

# Surface Lipoprotein P27 antibody

**Cat. No. GTX48799**

|                     |                      |
|---------------------|----------------------|
| <b>Host</b>         | Rabbit               |
| <b>Clonality</b>    | Polyclonal           |
| <b>Isotype</b>      | IgG                  |
| <b>Applications</b> | WB, ELISA            |
| <b>Reactivity</b>   | 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              | 1:1000               |

Not tested in other applications.

## Properties

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | 20mM Potassium Phosphate, 150mM NaCl   |
| <b>Preservative</b>  | 0.01% Sodium azide   |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | 1 mg/ml (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | MBP-fusion protein corresponding to Borrelia burgdorferi Surface Lipoprotein p27 protein.  |
| <b>Purification</b>  | Protein A purified<br>From serum   |
| <b>Conjugation</b>   | Unconjugated   |

### Note

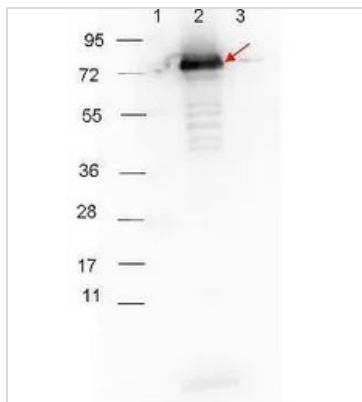
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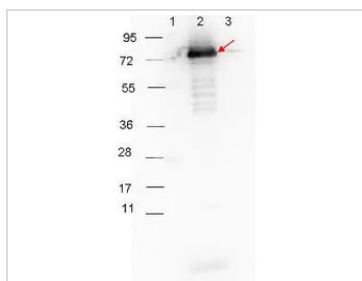
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## DATA IMAGES



### GTx48799 WB Image

Western blot showing detection of 0.1 µg of recombinant p27 protein. Lane 1: Molecular weight markers. Lane 2: MBP-p27 fusion protein (arrow; expected MW: 73.3 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).



### GTx48799 WB Image

WB analysis of various samples using GTx48799 Surface Lipoprotein P27 antibody.

Lane 1 : Protein ladder

Lane 2 : MBP-p27 fusion protein

Lane 3 : MBP

Loading : 1 µg

Dilution : 1:1000



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