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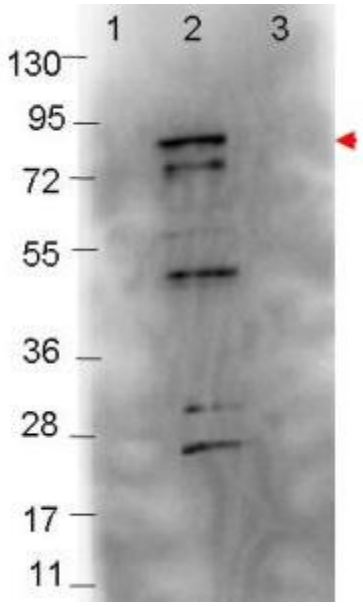
Antibody Datasheet

Product Name:	Rabbit anti *Borrelia burgdorferi* Flagellin
Product:	Purified rabbit anti Flagellin antibody, unconjugated
Product Type:	Polyclonal
Isotype:	Rabbit IgG
Product code:	PAB21453-25
Batch Number:	R001218
Amount:	25 µl (1.0 mg/mL by UV absorbance at 280 nm)
Physical State:	Liquid (sterile filtered)
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Immunogen:	Recombinant MBP tagged *B. burgdorferi* Flagellin protein
Purification:	Protein-A purified and cross-adsorbed against MBP from monospecific antiserum by chromatography
Specificity:	Cross-reactivity with Borrelia burgdorferi B31
Applications:	ELISA (1:6000), WB (1:1000)
Storage:	Store vial at -20° C or below prior to opening. To minimize loss of volume, dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as

recommended above. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.



Western blot showing detection of 0.1 µg of recombinant Flagellin protein. Lane 1: Molecular weight markers. Lane 2: MBP-Flagellin fusion protein (arrowhead at expected MW: 76.3 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).