



IBT BIOSERVICES

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Rabbit anti-Staphylococcal Gamma Hemolysin B Polyclonal Antibody

Catalog #: 0314-001

Lot #: 1212001

Immunogen: Purified, His-tagged *Staphylococcus aureus* Gamma Hemolysin B (Hlg B) recombinant protein.

Description: Rabbit polyclonal antibody reactive to the *Staphylococcus aureus* Hlg B with His tag.

Supplied: 500 µg is supplied in PBS at a concentration of 3.74 mg/mL. Antibody contains 0.01% sodium azide.

Purification: Antibody is purified using immobilized protein A.

Clonality: Polyclonal

Relevance: The antibody can be used for detection of gamma-hemolysin secreted by *S. aureus*.

Recommended Dilutions:

ELISA: Assay-dependent dilution.

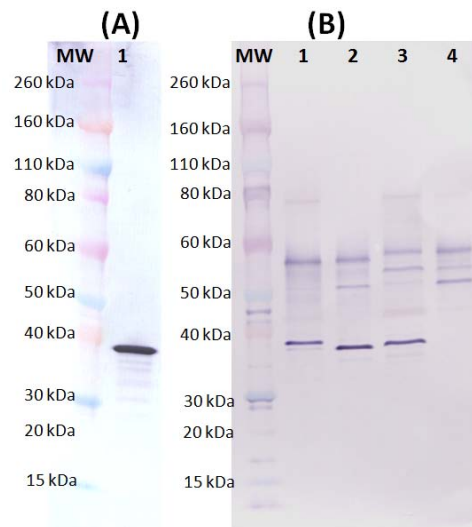
WB: This antibody can be utilized for detection at a concentration of 0.5 µg/mL.

Storage: 2-3 weeks +4°C, -20°C long term

Cross Reactivity: Due to the high level of homology among the bi-component cytolysins, this antibody demonstrates cross-reactivity to rHlg C, rLukF-PV and rLukS-PV. The immunogen contained a His-tag, therefore, proteins containing a His-epitope tag may also cross-react. This antibody is an IgG fraction of serum and therefore may have antibodies to other antigens including Staphylococcal antigens as a result of natural exposure and immune response.

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Western Blot Data:



Western blot was detected with anti-Hlg B polyclonal antibody at 0.5 µg/mL and visualized using an anti-rabbit IgG-AP conjugate and AP substrate. MW denotes Novex Sharp prestained protein markers. (A) 100 ng recombinant rHlg B protein/lane (lane 1). (B) 15 µL of culture supernatant/lane. Protein bands with molecular weights <40 kDa were detected in the culture supernatant of USA300 (lane 1), Newman (lane 2) and NCTC 8325-4 (lane 3) but not in the negative control exoprotein negative NCTC 8325-4 strain (lane 4).

Related Products:

Anti- *S. aureus* Gamma Hemolysin C Polyclonal Antibody
Catalog # 0314-002
S. aureus Gamma Hemolysin B (Hlg B)
Catalog # 1403-001
S. aureus Gamma Hemolysin C (Hlg C)
Catalog # 1403-002
S. aureus LukS-PV purified protein
Catalog # 0530-001
S. aureus LukF-PV purified protein
Catalog # 0530-002
Anti- *S. aureus* PVL LukS Polyclonal Antibody
Catalog # 04-0009
Anti- *S. aureus* LukS-PV Monoclonal Antibody
Catalog #0221-001
Anti- *S. aureus* Alpha-Hemolysin Polyclonal Antibody
Catalog # 04-0010
Anti-*S. aureus* Alpha-Hemolysin Monoclonal Antibody
Catalog # 0210-005
Anti-*S. aureus* SEB Monoclonal Antibody
Catalog #0220-009
Anti-*S. aureus* Superantigens Polyclonal Antibody
Catalog #0311-001