



IBT BIOSERVICES

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Rabbit anti-Staphylococcal LukF-PV Polyclonal Antibody

Catalog #: 0312-002

Lot #: 1207001

Immunogen: Recombinant Pantone-Valentine
Leukocidin (PVL) LukF subunit -His tag protein

Description: Rabbit polyclonal antibody reactive to the
LukF subunit of Staphylococcal PVL and His tag.

Supplied: 500 µg is supplied in PBS at a concentration
of 1 mg/mL. Antibody contains 0.01% sodium azide.

Purification: Antibody is purified using immobilized
protein A.

Clonality: Polyclonal

Relevance: This antibody may be used to detect the
LukF subunit of PVL produced by PVL producing strains
of *Staphylococcus aureus*.

Recommended Dilutions:

ELISA: Assay-dependent dilution. Internal QC
demonstrates good detection of purified rLukF when
the antibody is used at 10 µg/mL.

WB: This antibody can be utilized for detection at a
concentration of 0.5 - 3 µg/mL.

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

Cross Reactivity: This antibody demonstrates slight
cross-reactivity to the His-tagged LukS subunit of
Staphylococcal PVL (Cat#0530-001). The immunogen
contained a His-tag therefore proteins containing His-
epitope tag may also cross-react. This antibody is an
IgG fraction of serum and therefore may have antibody
to other antigens including Staphylococcal antigens as a
result of natural exposure and immune response.

Related Products:

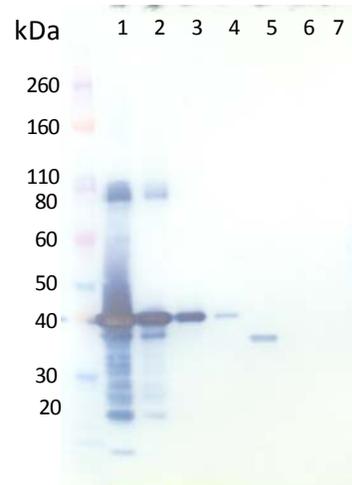
Staphylococcus aureus LukS PV
Catalog # 0530-001

Staphylococcus aureus LukF PV
Catalog # 0530-002

Anti- *S. aureus* Alpha-Hemolysin monoclonal antibody
Catalog # 0210-005

Anti- *S. aureus* Alpha-Hemolysin Polyclonal Antibody
Catalog # 04-0010

Western Blot Data:



Western blot was detected with anti-LukF PV polyclonal
antibody at 3 µg/mL and visualized using an anti-rabbit
HRP conjugate and TMB Membrane substrate. Blot
detected as follows: 500 ng rLukF PV (lane 1), 100 ng
rLukF PV (lane 2), 10 ng rLukF PV (lane 3), 1 ng rLukF
PV (lane 4), 500 ng rLukS PV (lane 5), 100 ng rLukS PV
(lane 6), 10 ng rLukS PV (lane 7). rLukF PV-His detects
between 35-40 kDa.

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therapeutic, or diagnostic applications.**
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