



IBT BIOSERVICES

21 Firstfield RD * Suite 100
Gaithersburg, MD 20878
877-411-2041
Services@ibtbioservices.com

***S. aureus* PVL Luk-S polyclonal Antibody**

Catalog #: 04-0009

Lot #: 04-0009-L02

Immunogen: Purified Panton-Valentine Leukocidin, Luk-S subunit, expressed in *E.coli* (His-tagged).

Description: Rabbit polyclonal reactive to *Staphylococcus aureus* Luk-S. The antibody detects the antigen produced by *S. aureus* strains in Western blot and ELISA and neutralizes the cytolytic activity of Panton Valentine Leukocidin (PVL : Luk-S+Luk-F).

Raised in: New Zealand White Rabbits

Purification: Protein A

Clonality: Polyclonal

Buffer: PBS + 0.01% Sodium Azide

Size: 0.5mg at a concentration of 5.5 mg/mL

Relevance: The antibody can be used for detection and neutralization of PVL Luk-S produced by PVL-producing virulent strains of *S. aureus* such as CA-MRSA USA300.

Recommended Dilutions:

ELISA: Assay-dependent dilution

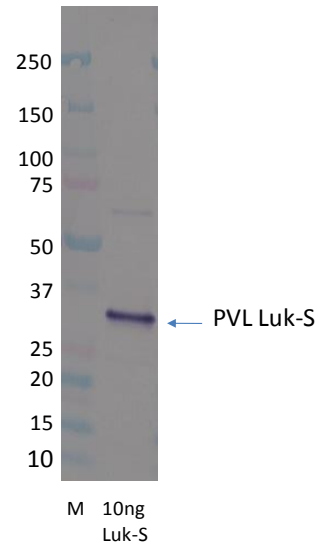
WB: Assay-dependent dilution; if probing against purified protein, at least 10 ng of pure toxin can be detected with 0.5 ug/ml of the primary antibody combined with a suitable dilution of a secondary anti-rabbit antibody.

Toxin neutralization: Using a neutrophil lysis assay, 62.5 µg/ml of this antibody inhibits 100% of the lytic activity of 0.1 µg/ml of PVL.

IF: Not tested

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

Cross Reactivity: unknown.



Western Blot analysis of PVL Luk-S

Antigen: Purified Luk-S

Primary Antibody: Rabbit anti Luk-S pAbs (0.5 ug/ml)

Secondary Antibody: Goat anti rabbit-AP (1:3,000)

Intended for research use only, not for human, therapeutic, or diagnostic applications.

The buyer cannot sell or otherwise transfer this product for Commercial Purposes without written approval of Integrated BioTherapeutics, Inc.

Copyright 2014. Integrated BioTherapeutics, Inc. All rights reserved.