Rabbit anti-Hla pAb

Catalog #: 04-0010

Description:
Rabbit polyclonal reactive to S. aureus alpha hemolysin (α-toxin). The antibody detects the antigen produced by S. aureus strains in western blot and ELISA and neutralizes the hemolytic activity of the toxin.

Immunogen/ Target:
Purified N-terminal domain of Staphylococcus aureus alpha hemolysin expressed in E.coli (His-tagged).

Formulation & Storage: Supplied in PBS. Store at +4°C for 2-3 weeks, -20°C for long term.

Notes & Usage Guidelines:
Clonality/Isotype: Polyclonal; N/A
Host: Rabbit
ELISA: Assay-dependent dilution
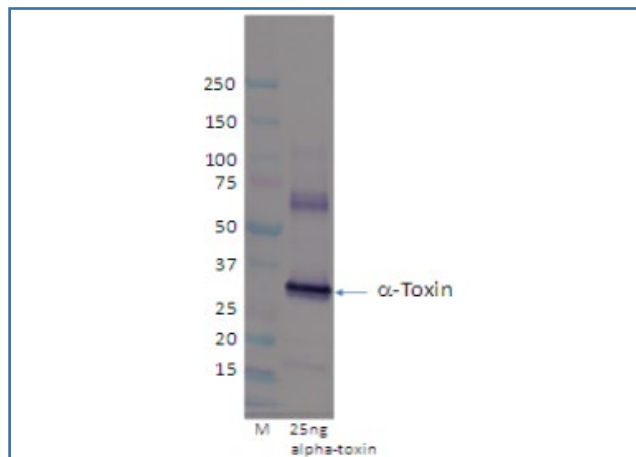**WB:** Assay-dependent dilution

Applications

Western Blot Data:
Antigen: Alpha toxin cat# HT101, Lot# 62308AH Toxin Technologies

Primary Antibody: Rabbit anti α- toxin pAbs (1ug/ml)
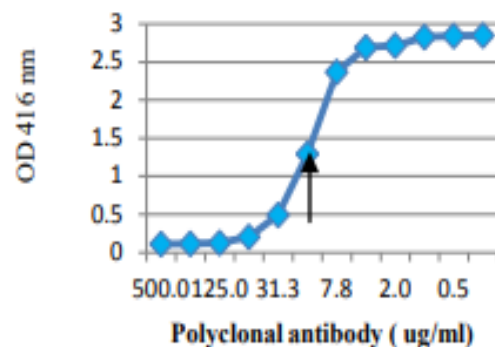
Secondary Antibody: Goat anti rabbit-AP (1:3,000)

If probing against purified protein, at least 25 ng of pure α-toxin can be detected with 1 ug/ml of the primary antibody combined with a suitable dilution of a secondary anti-rabbit antibody.

Neutralization Data:
Using a rabbit RBC lysis assay, IC50 of this antibody for neutralization of 1 ug/ml of α-toxin was determined to be 14 ug/ml.

Toxin neutralization plot (arrow indicating IC50):

Certificate of analysis:
A hardcopy of datasheet is sent along with the products. Please refer to it for detailed information. For older lots, refer to the applicable certificate of analysis that may be requested at products@ibtbioservices.com.

Related Products:
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