

## Chimeric anti-LukS-PV mAb

Catalog #: 0221-005

### Description:

Chimeric monoclonal antibody reactive to *Staphylococcus aureus* LukS-PV.

### Immunogen/ Target:

Panton- Valentine Leukocidin (PVL) S subunit (LukF-PV).

**Formulation & Storage:** Supplied in PBS in frozen format with no preservatives added. Store at +4°C for 2-3 weeks; -80°C for long-term

### Notes & Usage Guidelines:

Clonality/ Isotype: Monoclonal; IgG1

Host: Chimeric

ELISA: Assay-dependent dilution

WB: Not recommended

## Applications

### Western Blot Data:

Not recommended for Western Blot because the antibody recognizes conformational epitope.

### ELISA Data:

*S. aureus* antigens were diluted to 2 µg/mL in PBS for plate coating. Anti-LukS-PV antibody 175 was serially diluted ten-fold from 100 µg/mL and incubated on the coated plates. Washed plates were detected with anti-human IgG- HRP conjugate and TMB substrate. OD<sub>650</sub> is reported below.

| ng/mL   | OD 650 nm |       |       |       |       |
|---------|-----------|-------|-------|-------|-------|
|         | Hla       | LukF  | LukS  | SEA   | SEB   |
| 100.000 | 0.086     | 0.110 | 3.706 | 0.066 | 0.072 |
| 10.000  | 0.086     | 0.095 | 3.466 | 0.064 | 0.266 |
| 1.000   | 0.083     | 0.073 | 3.511 | 0.060 | 0.066 |
| 0.100   | 0.082     | 0.084 | 3.225 | 0.068 | 0.067 |
| 0.010   | 0.101     | 0.088 | 2.300 | 0.064 | 0.125 |
| 0.001   | 0.091     | 0.080 | 0.525 | 0.084 | 0.074 |
| 0.000   | 0.107     | 0.158 | 0.121 | 0.090 | 0.072 |
| 0.000   | 0.119     | 0.092 | 0.084 | 0.108 | 0.071 |

### 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](mailto:products@ibtbioservices.com).

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