

Mouse anti-Lipoteichoic Acid (LTA)

Catalog #: 0270-001

Description:

Mouse monoclonal antibody (mAb) reactive to *Staphylococcus lipoteichoic acid*.

Immunogen/ Target:

Staphylococcus epidermidis, Hay strain (ATCC 55133).

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: Mouse

ELISA: Assay-dependent dilution

WB: Not tested

Applications

Western Blot Data:

Not tested.

ELISA Data:

Plates were coated overnight at +4°C with 2 µg/ml of LTA-BSA (Fina Biosolutions). Mouse monoclonal anti-LTA (0270-001) was serially diluted semi-log from 10 µg/mL and incubated on the coated plates. Washed plates were detected with anti-mouse IgG-HRP conjugate and TMB substrate. OD650 is reported below.

mAb LTA (µg/mL)	OD 650 nm
10.000	3.071
3.162	2.958
1.000	2.964
0.316	2.944
0.100	2.821
0.032	2.528
0.010	1.756
0.003	0.878
0.001	0.262
0.000	0.127

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.

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