

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: MAV100-265 **Lot #:** H0962

Description: MAb to SEB
Monoclonal Antibody to *Staphylococcus Enterotoxin B* (SEB)

Specificity: Detects SEB at an antigen concentration of 1.0 µg/mL and 100 µg/mL. Based on Capture ELISA data of 29 antigens tested at 100 µg/mL and 1.0 µg/mL:
SEB detected at 100 µg/mL and 1 µg/mL.
0% cross-reactivity with other toxins (includes Ricin and *Botulinum* Toxin A-F).
0% cross-reactivity with other environmental contaminants.
0% cross-reactivity with other biothreat agents.

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Format: Purified, Liquid **EXP Date:** 12 NOV 2020

Purification: > 90% pure (SDS-PAGE). Protein A Chromatography
Product is 0.2 µm filtered.

Concentration: 5 mg/mL (OD_{280nm}, E^{0.1%} = 1.4)

Buffer: 10 mM Phosphate, pH 7.4 containing 150 mM Sodium Chloride.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Safety Note(s): See Safety Data Sheet (SDS) for additional information.

Signature

14 November 2018

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY