

CERTIFICATE OF ANALYSIS

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

Catalog #: MAV65-912 **Lot #:** 1I25222

Description: MAb to *E. coli* STX 1 & 2
Monoclonal Antibody to *Escherichia coli* (*E. coli*) Shigatoxin (STX) 1 & 2, Pooled IgG

Specificity: Reacts with *Escherichia coli* (*E. coli*) Shigatoxin (STX) 1 & 2.

Host Animal: Mouse **Isotype:** IgG

Source: Ascites

Format: Purified, Lyophilized
Reconstitute with 1 mL deionized water.

Purification: Protein A Chromatography

Concentration: 1 mg/mL (prior to lyophilization).

Buffer: Lyophilized from 5 mM Phosphate Buffer, pH 7.2–7.4.

Preservative: None

Applications: Suitable for use in ELISA (capture antibody at 20 µg/mL), Western Blot (1 µg/mL) and Toxin Neutralization. Neutralizes Vero Cell toxicity of *E. coli* O157:H7 extracts when used at a 5 µg/mL concentration. 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: Store lyophilized product at 2–8°C. After reconstitution, short term (up to 2 weeks) store at 2–8°C. Long term (up to one year) aliquot and store at -20°C. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used. Avoid repeated freeze/thaw cycles.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



09 Sep 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY