

Monoclonal Anti-Shiga Toxin 1 Subunit A (produced *in vitro*)

Catalog No. NR-867

This reagent is the property of the U.S. Government.

Product Description: Antibody Class: IgG2ak

Mouse monoclonal antibody to the A subunit of Shiga toxin 1 was purified from a mouse hybridoma clonal cell line that produces monoclonal antibody 1A1.

Lot: 60134316

Manufacturing Date: 20APR2012

TEST	SPECIFICATIONS	RESULTS
Antibody Class	Report results	IgG2ak
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 98.8 % pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	0.9 mg/mL
Functional Activity Western Blot ¹ Shiga toxin 1 recombinant subunit A (BEI Resources NR-859) Shiga toxin 1 (BEI Resources NR-857) Carbonic anhydrase	Reactive Reactive Not reactive	Reactive Pending Not reactive
Filtration	22 µm sterile-filtered	22 µm sterile-filtered

¹A dilution of 1:1500 is recommended.

Date: 10 OCT 2012

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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