

Monoclonal Anti-Ricin Toxin B Chain (produced *in vitro*)

Catalog No. NR-842

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

Product Description: Mouse monoclonal antibody to the B chain of the ricin holotoxin from *Ricinus communis* was purified using protein A affinity chromatography from supernatants obtained from the mouse hybridoma clonal cell line TFTB1 (ATCC[®] CRL-1759[™]).

Lot: 4469044

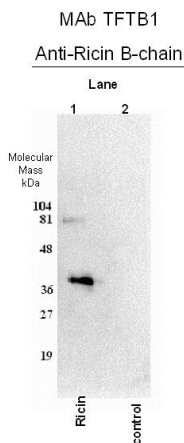
Manufacturing Date: AUG2005

TEST	SPECIFICATIONS	RESULTS
Appearance	Clear and colorless No particulate matter	Clear and colorless No particulate matter
SDS-PAGE (SYPRO Orange densitometer scan)	Dominant band ~ 150 kDa > 90% pure	Dominant band ~ 150 kDa > 90% pure
Concentration by Bicinchoninic Acid Protein Assay	1 mg/mL	1 mg/mL
Functional Activity Western Blot ¹ Ricin B chain Ricin A chain Ricin holotoxin ELISA titer ² Ricin holotoxin Shiga toxin	 Reactive Not reactive Reactive Report results Not reactive	 Reactive Not reactive Reactive with both reduced (see Figure 1) and unreduced holotoxin > 1:1,000,000 Not reactive

¹A dilution of 1:5000 is recommended.

²A dilution of 1:10000 is recommended.

Figure 1



Date: 06 NOV 2014

Signature: 

Title: Technical Manager, BEI Authentication

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