

**Polyclonal Anti-*Bacillus anthracis* Superoxide Dismutase SOD 15 (Locus\_Tag: BA\_1489), (immunoglobulin G, Rabbit)**

**Catalog No. NR-12129**

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

**Product Description:** Polyclonal antibody to superoxide dismutase SOD15 (locus\_tag: BA\_1489) of *Bacillus anthracis* (*B. anthracis*) was produced in rabbits and purified by protein G affinity chromatography.

**Lot: 58394251**

**Manufacturing Date: 17DEC2008**

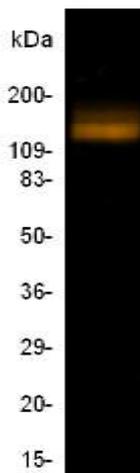
TEST	SPECIFICATIONS	RESULTS
<b>Appearance</b>	Clear and colorless; no particulate matter	Clear and colorless; no particulate matter
<b>SDS-PAGE (SYPRO Orange densitometer scan)</b>	IgG band represents > 95% of total staining intensity	IgG band represents > 98% of total staining intensity (Figure 1)
<b>Concentration by Bicinchoninic Acid Protein Assay</b>	Report results	1.1 mg/mL
<b>Functional Activity</b> Western Blot <sup>1</sup> Recombinant <i>B. anthracis</i> SOD15 (BA_1489) protein <sup>2</sup> Carbonic anhydrase ELISA titer <sup>3</sup> Recombinant <i>B. anthracis</i> SOD15 (BA_1489) protein <sup>2</sup> Carbonic anhydrase	Reactive Not reactive  Report results Not reactive	Reactive (Figure 2) Not reactive  > 1:3000 (Figure 3) Not reactive
<b>Sterility</b>	0.22 µm filter sterilized	0.22 µm filter sterilized

<sup>1</sup>A dilution of 1:10000 is recommended.

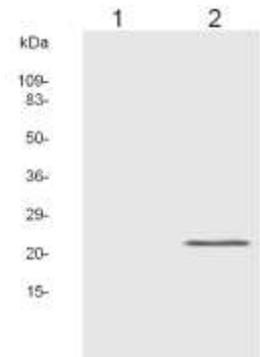
<sup>2</sup>BEI Resources NR-12128

<sup>3</sup>A dilution of 1:3200 is recommended.

**Figure 1**

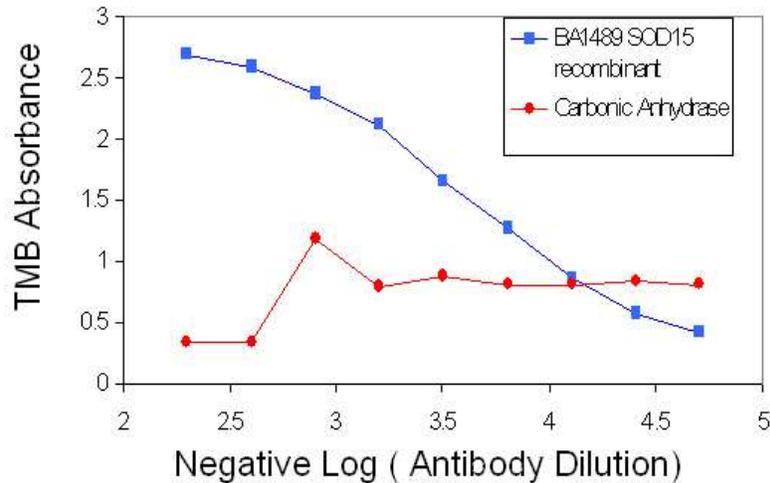


**Figure 2**



**Lane 1: Carbonic anhydrase**  
**Lane 2: BEI Resources NR-12128**

**Figure 3**



**Date:** 03 DEC 2014

**Signature:** 

**Title:** Technical Manager, BEI Authentication or designee

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