

Polyclonal Anti-*Bacillus anthracis* Hypothetical Protein p5303 (Locus_Tag: BA_5699), (immunoglobulin G, Rabbit)

Catalog No. NR-12131

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For research use only. Not for human use.

Contributor and Manufacturer:

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Product Description:

Antibody Class: IgG

Polyclonal antiserum to hypothetical protein p5303 (locus_tag: [BA_5699](#)) of *Bacillus anthracis* (*B. anthracis*) was produced in rabbits and purified by protein G affinity chromatography.

Material Provided:

Each vial contains approximately 100 µg of NR-12131 in PBS. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:

NR-12131 was packaged aseptically in cryovials. The product is provided frozen on dry ice and should be stored at -80°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:

NR-12131 is specific to the p5303 hypothetical protein from *B. anthracis* by standard Western blot analysis and ELISA. NR-12131 binds to both native and denatured protein.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Polyclonal Anti-*Bacillus anthracis* Hypothetical Protein p5303 (Locus_Tag: BA_5699), (immunoglobulin G, Rabbit), NR-12131."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. [Biosafety in Microbiological and Biomedical Laboratories](#). 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

1. Cybulski, R. J., et al. "Recombinant *Bacillus anthracis* Spore Proteins Enhance Protection of Mice Primed with Suboptimal Amounts of Protective Antigen." *Vaccine* 26 (2008): 4927-4939. PubMed: 18657585.

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