

Polyclonal Anti-*Escherichia coli* Intimin Gamma (immunoglobulin G, Rabbit)

Catalog No. NR-12194

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Contributor and Manufacturer:

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Product Description:

Antibody Class: IgG

Polyclonal antiserum to the intimin gamma protein of *Escherichia coli* (*E. coli*) was produced in rabbits and purified by protein G affinity chromatography.

Material Provided:

Each vial contains approximately 110 µg of NR-12194 in PBS. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:

NR-12194 was packaged aseptically in cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:

NR-12194 is specific to the intimin gamma protein from *E. coli* by Western blot analysis and ELISA. NR-12194 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-*Escherichia coli* Intimin Gamma (immunoglobulin G, Rabbit), NR-12194."

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.

Disclaimers:

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References:

1. Sinclair, J. F. and A. D. O'Brien. "Cell Surface-Localized Nucleolin is a Eukaryotic Receptor for the Adhesin Intimin-Gamma of Enterohemorrhagic *Escherichia coli* O157:H7." *J. Biol. Chem.* 277 (2002): 2876-2885. PubMed: 11704679.
2. Robinson, C. M., et al. "Shiga Toxin of Enterohemorrhagic *Escherichia coli* Type O157:H7 Promotes Intestinal Colonization." *Proc. Natl. Acad. Sci. U. S. A.* 20 (2006): 9667-9672. PubMed: 16766659.

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