Monoclonal Anti-Human Nucleotide-Binding Oligomerization Domain Protein 2 (hNod2), Clone U54.M.hNod2.3.1 (Immunoglobulin G, Mouse)

Catalog No. NR-824

For research use only. Not for human use.

This preparation is being provided without functional confirmation. Please read the Certificate of Analysis carefully to determine whether or not this product is acceptable for your intended use.

Contributor:
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Product Description:
Antibody Class: IgG2aκ
Mouse monoclonal antibody specific to human nucleotide-binding oligomerization domain protein 2 (hNod2) was purified from mouse ascites by protein A affinity chromatography.

Material Provided:
Each vial of NR-824 contains approximately 1 mg of purified monoclonal antibody in 0.02 M phosphate buffer (pH 7.2) containing 0.15 M sodium chloride and 0.02% (w/v) sodium azide. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:
NR-824 was packaged aseptically in glass serum vials and is provided frozen. NR-824 may be stored undiluted at 4°C for several weeks. It should not be diluted until immediately prior to use. For long-term storage, NR-824 should be aliquoted and stored at -20°C or colder. Freeze-thaw cycles should be avoided.

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, 2007; see www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm.

Citation:
Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Monoclonal Anti-Human Nucleotide-Binding Oligomerization Domain Protein 2 (hNod2), Clone U54.M.hNod2.3.1 (Immunoglobulin G, Mouse), NR-824."

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References:
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4. Netea, M. G., et al. "Nucleotide-Binding Oligomerization Domain-2 Modulates Specific TLR Pathways for the Induction of Cytokine Release." J. Immunol. 174 (2005): 6518–6523. PubMed: 15879155.

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