Monoclonal Anti-Adenovirus E19, Clone TW1.3 (produced *in vitro*)

Catalog No. NR-4546

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For research use only. Not for human use.

Contributor:

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Product Description:

Antibody Class: IgG3.κ
Specificity: E19 from adenovirus
Immunizing Antigen: Cells infected with recombinant vaccinia virus expressing E19 from adenovirus
Applications:
- Immunoblot: No
- Immunoprecipation: Yes
- ELISA: Yes
- Immunofluorescence: Yes
- Neutralization: No

Mouse monoclonal antibody specific to E19 from adenovirus was purified from hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of SP2/0 myeloma cells with immunized mouse splenocytes.

Material Provided:

Each vial of NR-4546 contains approximately 0.5 mg of purified monoclonal antibody in phosphate-buffered saline, pH 7.4. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:

NR-4546 was packaged aseptically in cryovials and is provided frozen on dry ice. NR-4546 should be 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-Adenovirus E19, Clone TW1.3 (produced *in vitro*), NR-4546."

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References:

1. Cox, J. H., J. R. Bennink, and J. W. Yewdell. "Retention of Adenovirus E19 Glycoprotein in the Endoplasmic Reticulum is Essential to Its Ability to Block Antigen Presentation." J. Exp. Med. 174 (1991): 1629-1637. PubMed: 1836014.

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