Monoclonal Anti-Wolbachia Surface Protein (Immunoglobulin G, Mouse)

Catalog No. NR-51684
This reagent is the property of the U.S. Government.

For research use only. Not for human use.

Contributor:
Michelle Michalski, Filariasis Research Reagent Resource Center Director of Communication/Project Liaison, Professor, University of Wisconsin Oshkosh, Oshkosh, Wisconsin, USA and Patrick J. Lammie, Ph.D., Division of Parasitic Diseases and Malaria, Centers for Disease Control and Prevention, Atlanta, Georgia, USA

Manufacturer:
Lampire Biological Laboratories, Pipersville, Pennsylvania, USA

Product Description:
Antibody Class: IgG2a
Mouse monoclonal antibody recognizing the Wolbachia surface protein (WSP) wBm0432 (GenPept: WP_011256630) was purified from mouse ascites fluid by protein A affinity chromatography. Ascites formation was induced in mice using cultured hybridoma cells. Wolbachia are rickettsia-like endosymbionts found in filarial nematodes, including the etiologic agents of lymphatic filariasis and river blindness. Wolbachia are obligatory symbionts in these hosts, required by the nematode for reproduction, development and long-term survival. These bacteria are of interest as chemotherapeutic targets and disease-causing organisms.

Material Provided:
Each vial of NR-51684 contains approximately 100 µL of purified monoclonal antibody in 2 M Tris buffer, pH 7.5. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:
NR-51684 was packaged aseptically in screw-capped plastic vials and is provided frozen on dry ice. The product should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:
NR-51684 has been reported to recognize WSP in an immunohistochemistry assay. Users may wish to determine an optimal concentration of antibody for their applications.

Citation:
Acknowledgment for publications should read “The following reagent was provided by the NIH/NIAID Filariasis Research Reagent Resource Center for distribution by BEI Resources, NIAID, NIH: Monoclonal Anti-Wolbachia Surface Protein (Immunoglobulin G, Mouse), NR-51684.”

Biosafety Level: 1

Disclaimers:
You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at www.beiresources.org.

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

Use Restrictions:
This material is distributed for internal research, non-commercial purposes only. This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

References:

ATCC® is a trademark of the American Type Culture Collection.