Monoclonal Anti-Wolbachia Surface Protein (purified IgG, produced in vitro)

Catalog No. NR-31029
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For research use only. Not for human use.

Contributor:
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Manufacturer:
BEI Resources

Product Description:
Antibody Class: IgG2a
Mouse monoclonal antibody recognizing the Wolbachia surface protein (WSP) wBm0432 (GenPept: YP_198262) was purified from hybridoma supernatant by protein G affinity chromatography. Wolbachia are rickettsia-like endosymbionts found in filarial nematodes, including the etiologic agents of lymphatic filariasis and river blindness.1 Wolbachia are obligatory symbionts in these hosts, required by the nematode for reproduction, development and long-term survival.2 These bacteria are of interest as chemotherapeutic targets and disease-causing organisms.

Material Provided:
Each vial of NR-31029 contains approximately 100 µL of purified monoclonal antibody in PBS. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:
NR-31029 was packaged aseptically in screw-capped plastic cryovials and is provided frozen on dry ice. The item should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:
NR-31029 recognizes recombinant WSP from Wolbachia of Brugia malayi3 in a LumineX® microsphere-based assay.4 See Certificate of Analysis for details.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Wolbachia Surface Protein (purified IgG, produced in vitro), NR-31029.”

Biosafety Level: 1

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References:

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