

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

**Catalog No. NR-51684**

This reagent is the property of the tangible U.S. Government.

**Product Description:**

Antibody Class: IgG2aκ

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.

Note: QC testing was performed by Filariasis Research Reagent Resource Center supported by Contract HHSN272201000030I, NIH-NIAID Animal Models of Infectious Disease Program.

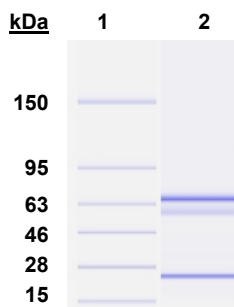
**Lot: 70039198**

**Manufacturing Date: 10OCT2020**

TEST	SPECIFICATIONS	RESULTS
Agilent® Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains	Correct molecular weight (MW) for heavy and light chains (Figure 1)
Functional Activity by Immunohistochemistry Staining of <i>Wolbachia</i> protein in <i>Brugia malayi</i> <sup>1</sup>	Staining observed	Staining observed
Concentration by Qubit™ Fluorometer	Report results	0.671 mg per mL
Sterility	0.22 µm filter sterilized	0.22 µm filter sterilized

<sup>1</sup>*Wolbachia* is an endosymbiotic bacterium of the filarial nematode *Brugia malayi*. The surface protein of resident *Wolbachia* can be detected using NR-51684.

**Figure 1: Agilent® Protein 230 Analysis**



Lane 1: Molecular Weight Markers

Lane 2: NR-51684

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