

Certificate of Analysis for NR-31029

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

Catalog No. NR-31029

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

Product Description: Antibody Class: IgG2ak

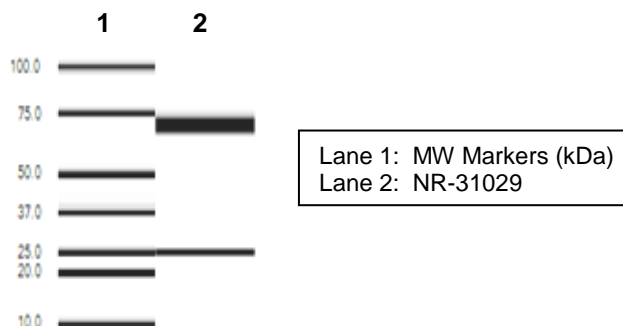
Mouse monoclonal antibody recognizing the *Wolbachia* surface protein (WSP) wBm0432 (GenPept: YP_198262) was purified from hybridoma supernatant by protein G affinity chromatography.

Lot: 61012522

Manufacturing Date: 14AUG2012

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG2ak
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 97.2% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.1 mg/mL
Functional Activity Luminex [®] SeroMAP [™] microsphere antibody assay <i>Wolbachia</i> surface protein wBm0432 <i>Brugia malayi</i> Bm14 antigen Glutathione S-transferase	Reactive Nonreactive Nonreactive	Reactive; specific at dilutions between 1:10 and 1:100000 Nonreactive at dilutions tested (1:10 and higher) Nonreactive at dilutions tested (1:10 and higher)
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

Figure 1



Date: 12 FEB 2013

Signature:

Dorothy C. Young

Title: Technical Manager, BEI Authentication or designee

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