Monoclonal Anti-*Leishmania guyanensis*, Strain M4147 (MHOM/BR/75/M4147), Clone B-19 (produced in vitro)

Catalog No. NR-50150

For research use only. Not for human use.

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Manufacturer: BEI Resources

Product Description:
Antibody Class: IgG2ax
Mouse monoclonal antibody prepared against *Leishmania guyanensis* (L. guyanensis), strain M4147 (MHOM/BR/75/M4147), clone B-19 was purified from the hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of NS1 (P3-X63/Ag8-NS1) myeloma cells with immunized BALB/c mouse splenocytes. Clone B-19 recognizes *L. guyanensis*.1-3

Material Provided:
Each vial contains approximately 100 µL of purified monoclonal antibody in PBS (pH 7.4). The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:
NR-50150 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. Freezethaw cycles should be avoided.

Functional Activity:
NR-50150 is reported to react with *L. guyanensis* membrane proteins and to function in ELISA, radioimmunoassays, and western blot analysis.1-3

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-*Leishmania guyanensis*, Strain M4147 (MHOM/BR/75/M4147), Clone B-19 (produced in vitro), NR-50150.”

Biosafety Level: 1

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References:
1. McMahon-Pratt, D., Personal Communication.

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