Monoclonal Anti-Leishmania panamensis/Leishmania braziliensis, Strain WR120 (MHOM/PA/74/WR120), Clone B-5 (produced in vitro)

Catalog No. NR-50147

For research use only. Not for human use.

Contributor:
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Manufacturer:
BEI Resources

Product Description:
Antibody Class: IgG1
Mouse monoclonal antibody prepared against Leishmania panamensis (L. panamaensis)/Leishmania braziliensis (L. braziliensis), strain WR120 (MHOM/PA/74/WR120), clone B-5 was purified from the hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of NS1 (P9-X63/Ag8-NS1) myeloma cells with immunized BALB/c mouse splenocytes. Clone B-5 recognizes L. panamensis and L. braziliensis.¹,²

Strain WR120 belongs to the Viannia subgenus of Leishmania and has been variously referred to in the literature as L. braziliensis panamensis, L. panamensis and L. (V) panamensis.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-50147 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-50147 is reported to react with L. panamensis and L. braziliensis membrane proteins and to function in ELISA, radioimmunoassays, and western blot analysis.¹,²

Citation:
Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Leishmania panamensis/Leishmania braziliensis, Strain WR120 (MHOM/PA/74/WR120), Clone B-5 (produced in vitro), NR-50147."

Biosafety Level: 1

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

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