Monoclonal Anti-*Leishmania pifanoi*, Strain LtRod-CI-A3 (MHOM/VE/60/LtRod-CI-A3), Clone P-8 (produced *in vitro*)

**Catalog No. NR-50157**

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 pifanoi* (L. pifanoi), strain LtRod-CI-A3 (MHOM/VE/60/LtRod-CI-A3) was purified from the hybridoma supernatant by protein A 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. The antibody recognizes P-8 proteoglycolipid complex localized on the surface of *L. pifanoi* amastigotes.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-50157 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-50157 is reported to react with *L. pifanoi, L. amazonensis, L. mexicana, L. donovani* and *L. infantum* amastigotes and to function in ELISA, radioimmunoassay, immunofluorescence and western blot analysis.1

**Citation:**
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-*Leishmania pifanoi*, Strain LtRod-CI-A3 (MHOM/VE/60/LtRod-CI-A3), Clone P-8 (produced *in vitro*), NR-50157.”

**Biosafety Level:** 1


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

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