Monoclonal Anti-Guinea Pig Interleukin-4 Peptide, Clone GP22.21H2.1E (produced in vitro)

Catalog No. NR-49571

For research use only. Not for human use.

Contributor and Manufacturer:
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Manufacturing Date:
August 13, 2014

Product Description:
Antibody Class: IgG1
Mouse monoclonal antibody prepared against a 13 amino acid peptide of guinea pig interleukin-4 (IL-4) was purified from clone GP22.21H2.1E murine hybridoma supernatant by affinity chromatography. The IL-4 peptide antigen, FADPQGPASGDLC, is conjugated to keyhole limpet hemocyanin.1 The B cell hybridoma was generated by the fusion of NS0 myeloma cells with immunized mouse splenocytes.1

Material Provided:
Each vial contains approximately 100 µL of purified monoclonal antibody in 10 mM PBS (pH 7.4) at a concentration of 1 mg per mL.

Packaging/Storage:
NR-49571 was packaged aseptically in screw-capped plastic cryovials and is provided frozen on dry ice. The item should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:
NR-49571 is reactive in ELISA using unconjugated peptide. NR-49571 is reactive in western blots using native protein extract from guinea pig tissues but not reactive using unconjugated peptide.1

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Guinea Pig Interleukin-4 Peptide, Clone GP22.21H2.1E (produced in vitro), NR-49571.”

Biosafety Level: 1

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References:
1. Mukherjee, J., Personal Communication.

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