Monoclonal Anti-Guinea Pig Interleukin-12 p40 Protein, Clone GP1.7F8.8G (produced *in vitro*)

Catalog No. NR-49539

For research use only. Not for human use.

Contributor and Manufacturer:
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Manufacturing Date:
January 15, 2013

Product Description:
Antibody Class: IgG1k
Mouse monoclonal antibody prepared against a recombinant form of the interleukin-12 (IL-12) p40 protein of guinea pig was purified from clone GP1.7F8.8G murine hybridoma supernatant by affinity chromatography. The recombinant IL-12 p40 protein with a C-terminal histidine tag was expressed in human embryonic kidney HEK293 cells. The B cell hybridoma was generated by the fusion of N90 myeloma cells with immunized mouse splenocytes. IL-12 is a heterodimeric cytokine composed of covalently linked p40 and p35 chains and is produced in dendritic cells, macrophages, neutrophils and B cells in response to antigenic stimulation.

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-49539 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-49539 is reactive in ELISA and western blot analyses.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Guinea Pig Interleukin-12 p40 Protein, Clone GP1.7F8.8G (produced *in vitro*), NR-49539.”

Biosafety Level: 1

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

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