Monoclonal Anti-Guinea Pig Interleukin-2 Protein, Clone GP15.1D6.6H (produced in vitro)

Catalog No. NR-49561

For research use only. Not for human use.

Contributor and Manufacturer:
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Manufacturing Date:
February 4, 2014

Product Description:
Antibody Class: IgG1k
Mouse monoclonal antibody prepared against a recombinant form of the interleukin-2 (IL-2) protein of guinea pig was purified from clone GP15.1D6.6H murine hybridoma supernatant by affinity chromatography. The full length recombinant IL-2 was expressed in Escherichia coli. The B cell hybridoma was generated by the fusion of NS0 myeloma cells with immunized mouse splenocytes. IL-2 is a cytokine produced by antigen-activated T cells that acts to promote maintenance of regulatory T cells and differentiation of CD4(+) T cells into defined effector T-cell subsets.

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-49561 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-49561 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-2 Protein, Clone GP15.1D6.6H (produced in vitro), NR-49561."

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


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