Monoclonal Anti-Guinea Pig T-Bet Peptide, Clone GP28.6A8.1F (produced *in vitro*)

Catalog No. NR-49581

For research use only. Not for human use.

Contributor and Manufacturer:
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Manufacturing Date:
September 10, 2014

Product Description:
Antibody Class: IgG1κ
Mouse monoclonal antibody prepared against a 12 amino acid peptide of guinea pig T-Bet was purified from clone GP28.6A8.1F murine hybridoma supernatant by affinity chromatography. The T-bet peptide antigen, GAPEGGPDQQGS, with an added N-terminal cysteine 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-49581 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-49581 is reactive in ELISA using unconjugated peptide. NR-49581 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 T-Bet Peptide, Clone GP28.6A8.1F (produced *in vitro*), NR-49581."

Biosafety Level: 1
Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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

Support Provided by NIAID

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