

Monoclonal Anti-Guinea Pig Nuclear Factor kB Peptide, Clone GP25.4H6.9C (produced *in vitro*)

Catalog No. NR-49577

For research use only. Not for human use.

Contributor and Manufacturer:

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Manufacturing Date:

August 28, 2013

Product Description:

Antibody Class: IgG1κ
 Mouse monoclonal antibody prepared against a 14 amino acid peptide of guinea pig nuclear factor kB (NFkB) was purified from clone GP25.4H6.9C murine hybridoma supernatant by affinity chromatography. The NFkB peptide antigen, GTVNTERNQDPEGC, 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-49577 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-49577 is reactive in ELISA using unconjugated peptide. NR-49577 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 Nuclear Factor kB Peptide, Clone GP25.4H6.9C (produced *in vitro*), NR-49577.”

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.

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