Monoclonal Anti-Guinea Pig Interleukin-1 Beta Peptide, Clone GP29.4G5.11F (produced in vitro)

Catalog No. NR-49583

For research use only. Not for human use.

Contributor and Manufacturer:
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Manufacturing Date:
October 7, 2014

Product Description:
Antibody Class: IgG1k
Mouse monoclonal antibody prepared against a 14 amino acid peptide of guinea pig interleukin-1 (IL-1) beta was purified from clone GP29.4G5.11F murine hybridoma supernatant by affinity chromatography. The IL-1 beta peptide antigen, GPKNQYCFQDRDL, with added C-terminal cysteine is conjugated to keyhole limpet hemocyanin. The B cell hybridoma was generated by the fusion of NS0 myeloma cells with immunized mouse splenocytes.

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-49583 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-49583 is reactive in ELISA using unconjugated peptide. NR-49583 is reactive in western blots using native protein extract from guinea pig tissues but not reactive using unconjugated peptide.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Guinea Pig Interleukin 1 Beta Peptide, Clone GP29.4G5.11F (produced in vitro), NR-49583.”

Biosafety Level: 1

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

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