Monoclonal Anti-Human Interferon Beta Protein, Clone A5 (produced \textit{in vitro})

Catalog No. NR-15259

For research use only. Not for human use.

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Manufacturer: BEI Resources

Product Description:
Antibody Class: IgAx
Mouse monoclonal antibody prepared against a recombinant form of the human interferon beta (IFN-β) protein was purified from clone A5 hybridoma supernatant using a protein-free thiophilic adsorbent. The B cell hybridoma was generated by the fusion of P3X63Ag8.653 myeloma cells with splenocytes from a BALB/c x DBA F1 mouse immunized repeatedly with recombinant human IFN-β protein in adjuvant. The clone A5 antibody is specific for human IFN-β and does not cross-react with IFN-α or IFN-γ.

Material Provided:
Each vial of NR-15259 contains approximately 100 µL of purified monoclonal antibody in PBS. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:
NR-15259 was packaged aseptically in screw-capped plastic vials and is provided frozen on dry ice. The product should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:
NR-15259 recognizes recombinant human IFN-β in western blot assays. The clone A5 monoclonal antibody is also reported to function in ELISA and RIA, and to neutralize the anti-viral and anti-proliferative effects of IFN-β. The epitope recognized by the clone A5 antibody has been mapped to the interferon α/β receptor subunit 2 (INFAR-2) binding site of IFN-β.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Human Interferon Beta Protein, Clone A5 (produced \textit{in vitro}), NR-15259.”

Biosafety Level: 1

Disclaimers:
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References:

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