

Monoclonal Anti-Human Interferon Beta Protein, Clone B6 (produced \textit{in vitro})

Catalog No. NR-15251

For research use only. Not for human use.

Contributor:
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Manufacturer:
BEI Resources

Product Description:
Antibody Class: IgG2bX
Mouse monoclonal antibody prepared against a recombinant form of the human interferon beta (IFN-\(\beta\)) protein was purified from clone B6 hybridoma supernatant by protein G affinity chromatography. 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-\(\beta\) protein in adjuvant.\(^1\) The clone B6 antibody is specific for human IFN-\(\beta\) and does not cross-react with IFN-\(\alpha\) or IFN-\(\gamma\).

Material Provided:
Each vial of NR-15251 contains approximately 100 \(\mu\)L of purified monoclonal antibody in PBS. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:
NR-15251 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-15251 recognizes recombinant human IFN-\(\beta\) in western blot assays. See Certificate of Analysis for details. The clone B6 monoclonal antibody is also reported to function in ELISA, but is unable to neutralize the anti-viral and anti-proliferative effects of IFN-\(\beta\).\(^1\)

Citation:
Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Human Interferon Beta Protein, Clone B6 (produced \textit{in vitro}), NR-15251."

Biosafety Level: 1
Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following

Disclaimers:
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