

Product Data Sheet

LEAF™ Purified anti-mouse IFN-β

Catalog # / Size: 508103 / 50 µg
508104 / 500 µg

Clone: MIB-5E9.1

Isotype: Armenian Hamster IgG

Reactivity: Mouse

Preparation: The LEAF™ (Low Endotoxin, Azide-Free) antibody was purified by affinity chromatography.

Formulation: 0.2 µm filtered in phosphate-buffered solution, pH 7.2, containing no preservative. Endotoxin level is <0.1 EU/µg of the protein (<0.01 ng/µg of the protein) as determined by the LAL test.

Concentration: 1.0 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C. This LEAF™ solution contains no preservative; handle under aseptic conditions.

Applications:

Applications: Neut, IP, WB - *Reported in the literature*

Recommended Usage: It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: **Neutralization¹:** The LEAF™ Purified antibody (Endotoxin <0.1 EU/µg, Azide-Free, 0.2 µm filtered) is recommended for neutralization of mouse IFN-β bioactivity (Cat. No. 508104).

Application References:

1. Creasy BM and McCoy KL. 2011. *Cell Immunol.* 267:56. (Neut) PubMed
2. Sow FB, *et al.* 2009. *J. Leukoc. Biol.* 86:1247. PubMed
3. Zaric SS, *et al.* 2011. *J. Biol Chem.* 286:29492. PubMed

Description: The MIB-5E9.1 antibody reacts with mouse interferon-beta (IFN-β). The MIB-5E9.1 antibody can neutralize the bioactivity of natural or recombinant IFN-β.

Antigen References:

1. Nagarajan U, 2011. *Crit. Rev. Immunol.* 31:459.
2. Honda K, *et al.* 2005. *Int. Immunol.* 17:1367.

Related Products:

Product	Clone	Application
LEAF™ Purified Armenian Hamster IgG Isotype Ctrl	HTK888	FC, ICFC, WB, IP, ICC, IF, FA



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