

## Anti-Mouse IFN $\beta$ In Vivo Antibody - Low Endotoxin

### Product Information

**Product SKU:**

IVMB0171

**Size:**

1mg, 5mg, 25mg, 50mg, 100mg

**Concentration:**

$\geq 5.0$  mg/ml

**Isotype:**

Mouse IgG2a

**Host:**

Mouse

**Clone:**

HDb-4A7

**Category:**

Monoclonal Antibody

**Reactivity:**

Mouse

**Synonyms:**

IFN-b, IFN-beta, Type-1 interferon, Clone HDb-4A7

**Specificity:**

MouseAnti-Mouse Interferon-beta (IFN- $\beta$ ) (Clone HDb-4A7) recognizes an epitope on Mouse IFN- $\beta$  and binds specifically to murine IFN $\beta$  and does not bind murine IFN $\gamma$  or several different IFN $\alpha$  species ( $\alpha$ -1,4,5 or 13); HDb-4A7 binds both recombinant and natural forms. This antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

**Formulation:**



This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.

**Endotoxin Level:**

< 1.0 EU/mg as determined by the LAL method

**Purity:**

≥95% monomer by analytical SEC · >95% by SDS Page

**Immunogen:**

Plasmid DNA encoding murine IFN $\beta$

**Storage and Stability:**

Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

**Product Preparation:**

Functional grade preclinical antibodies are manufactured in an animal free facility using only In vitro protein free cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.

**Applications**

B, FA, N, WB

**Applications & Recommended Usage:**