

Anti-Mouse IFN beta In Vivo Antibody - Low Endotoxin

IVMB0171

Description

This Anti-Mouse IFN beta In Vivo Antibody - Low Endotoxin is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: IVMB0171

Contents: 1mg, 5mg, 25mg, 50mg, 100mg
Bradford Reagent: 1 vial (2ml)

Synonyms: IFN-b, IFN-beta, Type-1 Interferon, Clone HDb-4A7

Category: Monoclonal Antibody

Target: IFN β

Clone: HDB-4A7

Isotype: Mouse IgG2a

Applications: **B** **FA** **In Vivo** **N** **WB**

Specificity: Mouse Anti-Mouse Interferon-beta (IFN- β) (Clone HDB-4A7) recognizes an epitope on Mouse IFN- β and binds specifically to murine IFN β and does not bind murine IFN γ or several different IFN α species (α -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.

Antibody Data

Reactivity: Mouse

Host species: Mouse

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

Expression Host:	-
Immunogen:	Plasmid DNA encoding murine IFN β
Product concentration:	≥ 5.0 mg/ml
Endotoxin Level:	< 1.0 EU/mg as determined by the LAL method
Purity:	$\geq 95\%$ Monomer by analytical SEC, $> 95\%$ by SDS Page
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. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.

Preparation & Storage

Storage:	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 $\leq -70^\circ\text{C}$. Avoid Repeated Freeze Thaw Cycles. Store Bradford Reagent at Room Temperature for 1 Year.
Shipping:	Next Day 2-8°C
Preparation:	Functional grade preclinical antibodies are manufactured in an animal free facility using in vitro 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.
Recommended Dilution Buffer:	In vivo Antibody Diluent pH 7.2
Recommended Usage:	-
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol