

MAA222Bo21

Monoclonal Antibody to Interferon Beta (IFNb)

Organism Species: Bos taurus; Bovine (Cattle)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PRODUCT INFORMATION]

Immunogen: IFNb, Bovine **Purification:** Affinity Chromatography.

Clonality: Monoclonal Applications: WB, ICC, IHC-P, IHC-F, ELISA

Clone number: C3 Concentration: 500µg/mL

Host: Mouse UOM: 200μg

Immunoglobulin Type: IgG1 Kappa

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant IFNb (Arg22~Asp186) with two N-terminal Tags,

His-tag and T7-tag expressed in *E.coli*.

Accession No.: RPA222Bo01

[ANTIBODY SPECIFITY]

The antibody is a mouse monoclonal antibody raised against IFNb. It has been selected for its ability to recognize IFNb in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.



[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant IFNb (Arg22~Asp186) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescent (ECL).

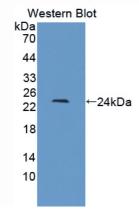
Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

[IMAGES]



Used in Western Blot, Sample:

Recombinant IFNb, Bovine