

Product datasheet for **AM05872PU-N**

IFNG Mouse Monoclonal Antibody [Clone ID: 7B6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	7B6
Applications:	FC, IHC, WB
Recommended Dilution:	Western blot. Flow cytometry: 1/500 - 1/2000, use 10 µl of the suggested working dilution to label 1x10e6 cells in 100 µl (Membrane permeabilisation is required for this application, we recommend the use of Leukoperm). Immunohistochemistry on paraffin sections (requires antigen retrieval using heat treatment prior to staining, Sodium citrate buffer pH 6.0 is recommended). Does not work in ELISA.
Reactivity:	Bovine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises both native and recombinant IFN gamma.
Formulation:	Phosphate buffered saline pH 7.4, 0.09% Sodium Azide State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	Entrez Gene 281237 Bovine P07353



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Background:

Interferon gamma is mainly produced by T lymphocytes and NK cells. It is a pleiotropic cytokine involved in the regulation of nearly all phases of immune and inflammatory responses, including the activation, growth and differentiation of T cell, B cells, macrophages, NK cells and other cell types such as endothelial cells and fibroblasts. It has weak antiviral and antiproliferative activity, and potentiates the antiviral and anti tumor effects of IFN alpha / beta (type I interferon). It is upregulated by IL2, FGF basic, EGF and downregulated by vitamin D3 or DMN. Labile at pH 2.

Synonyms:

IFN-gamma, gamma IFN