

Product datasheet for **AM05875PU-N**

IFNG Mouse Monoclonal Antibody [Clone ID: CC330]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CC330
Applications:	ELISA, FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/50-1/100 diluted antibody to label 10e6 cells or 100 µl whole blood (Membrane permeabilisation is required). ELISA: 5 µg/ml as Capture antibody. This antibody may be used in combination with clone CC302 (Cat#AM05867BT-N) and Recombinant Bovine IFN gamma in a Sandwich ELISA or ELISPOT assays.
Reactivity:	Bovine, Sheep
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant bovine IFN-gamma.
Specificity:	This antibody recognises Interferon gamma.
Formulation:	Phosphate buffered saline with 0.09% Sodium Azide as preservative. State: Aff - Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for 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:

Mammalian 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