

Product datasheet for **AM05867PU-N**

Interferon gamma (IFNG) Mouse Monoclonal Antibody [Clone ID: CC302]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CC302
Applications:	ELISA
Recommended Dilution:	ELISA. Flow Cytometry: 1/100 - 1/500.
Reactivity:	Bovine, Canine, Equine, Goat, Human, Mustelid, Porcine, Sheep
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises bovine interferon gamma. This antibody may be used in combination with clone CC330 and recombinant bovine IFN gamma in ELISA assays.
Formulation:	Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
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.
Gene Name:	interferon, gamma
Database Link:	Entrez Gene 3458 Human P01579



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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