

Product datasheet for **AM05867FC-N**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	CC302
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/100-1/500 diluted antibody to label 10e6 cells in 100 µl.
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 pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC State: Liquid purified IgG fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. 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:** 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