

Product datasheet for **AM05867RP-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 neat-1/10 diluted antibody to label 1x10 ⁶ cells in 100 µl. Membrane permeabilization is required for this application. We recommend the use of Leucoperm™
Reactivity:	Bovine, Canine, Equine, Goat, Human, Mustelid, Porcine, Sheep
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises Bovine Interferon gamma.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative, 1% BSA as stabilizer and 5% Sucrose Label: PE State: Lyophilised purified IgG fraction Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1 ml distilled water
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	PE
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	interferon, gamma
Database Link:	Entrez Gene 3458 Human P01579



[View online »](#)

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