

Product datasheet for **SM1326F**

Interferon gamma (IFNG) Mouse Monoclonal Antibody [Clone ID: B27]

Product data:

Product Type:	Primary Antibodies
Clone Name:	B27
Applications:	FC
Recommended Dilution:	Flow Cytometry: Neat - 1/10; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl; Membrane permeabilisation is required for this application.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human IFN gamma.
Specificity:	This antibody is specific for interferon gamma (IFN gamma). IFN gamma is a regulatory cytokine, which is produced by activated natural killer cells and a population of T-lymphocytes. Clone B27 is reported to neutralise the antiviral activity of human IFN gamma. We recommends the use of SM1326A for this purpose.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC State: Liquid purified IgG 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. Avoid repeated freezing and thawing. 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



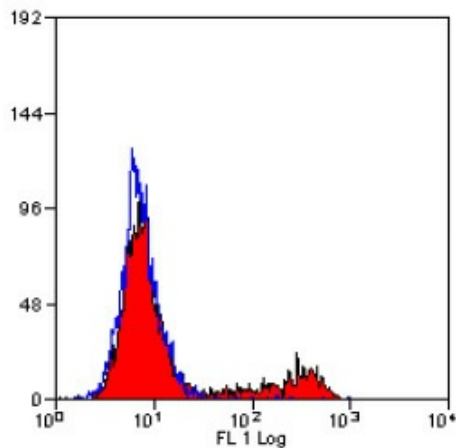
[View online »](#)

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

Product images:

Staining of activated human peripheral blood lymphocytes with MOUSE ANTI HUMAN INTERFERON GAMMA:FITC