

ARG22834 anti-IFN gamma antibody [CC302]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [CC302] recognizes IFN gamma
Tested Reactivity	Hu, Bov, Dlph, Dog, Frt, Goat, Hrs, Pig, Rb, Sheep
Tested Application	ELISA, FACS
Host	Mouse
Clonality	Monoclonal
Clone	CC302
Isotype	IgG1
Target Name	IFN gamma
Species	Bovine
Conjugation	Un-conjugated
Alternate Names	IFN-gamma; Interferon gamma; Immune interferon; IFG; IFI

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	FACS	1:10 - 1:100
Application Note	FACS: Membrane permeabilization is required for this application. Use 10 µl of the suggested working dilution to label 10 ⁶ cells in 100 µl. ELISA: Biotinylated mouse anti bovine IFN gamma , clone CC302, may be used as the detection reagent in a sandwich ELISA. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% Sodium azide
Preservative	0.09% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	IFNG
Gene Full Name	interferon, gamma
Background	This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of the both the innate and adaptive immune systems. The active protein is a homodimer that binds to the interferon gamma receptor which triggers a cellular response to viral and microbial infections. Mutations in this gene are associated with an increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases. [provided by RefSeq, Sep 2015]
Function	Produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions. It is a potent activator of macrophages, it has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons. [UniProt]
Highlight	Related products: IFN gamma antibodies ; IFN gamma ELISA Kits ; IFN gamma Duos / Panels ; IFN gamma recombinant proteins ; Anti-Mouse IgG secondary antibodies ; Related news: HMGB1 in inflammation Inflammatory Cytokines
Calculated Mw	19 kDa
PTM	Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at Gly-150, Met-157 or Gly-161.