



Rabbit Anti-Rat IFN gamma monoclonal antibody, clone 29I4M26 (CABT-L1390)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	IFNG
Immunogen	Recombinant protein corresponding to amino acids 23-156 of rat interferon gamma
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat
Clone	29I4M26
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

BACKGROUND

Introduction

IFN-gamma is a member of type II interferon family, and is a dimeric protein consisting of two 146 amino acid subunits. It is involved in immunoregulatory and anti-proliferative functions. It is a potent activator of macrophages, induces the production of cytokines, and upregulates the expression of class I and class II MHC antigens. Activation of IFN-gamma takes place through binding of IFN-gamma receptor I and II, and activating the JAK-STAT pathway. IFN-gamma does not show any homology with IFN-alpha or IFN-beta but human IFN-gamma shows about 40% sequence homology with mouse IFN-gamma.

Keywords

IFNG;interferon, gamma;IFG;IFI;interferon gamma;IFN-gamma;immune interferon

GENE INFORMATION

Entrez Gene ID

[25712](#)

UniProt ID

[P01581](#)