



Rabbit Anti-Mouse IFN gamma monoclonal antibody, clone 33I28M30 (CABT-L1389)

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 23-155 of mouse interferon gamma |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Mouse |
| Clone | 33I28M30 |
| 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

[15978](#)

UniProt ID

[P01580](#)