



# Anti-IFNA1 Monoclonal antibody, clone 5T.C4 [Alexa Fluor® 488] (CABT-BL7655)

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

## PRODUCT INFORMATION

|                    |                                          |
|--------------------|------------------------------------------|
| Isotype            | IgG1, κ                                  |
| Source/Host        | Mouse                                    |
| Species Reactivity | Human                                    |
| Clone              | 5T.C4                                    |
| Purification       | Affinity chromatography                  |
| Conjugate          | Alexa Fluor 488                          |
| Applications       | FC                                       |
| Format             | Liquid                                   |
| Concentration      | 5ul/Test                                 |
| Size               | 25 tests, 100 tests                      |
| Buffer             | PBS, pH 7.2, with 0.1% gelatin, 0.2% BSA |
| Preservative       | 0.09% Sodium Azide                       |
| Storage            | 4°C, store in dark, DO NOT FREEZE!       |

## BACKGROUND

|              |                                                                                                                                                                                         |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Introduction | IFN gamma, also called Type II interferon, macrophage activation factor, and immune interferon is produced primarily by T-lymphocytes and natural killer cells in response to antigens, |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

mitogens, Staphylococcus enterotoxin B, phytohemagglutinin and other cytokines. IFN gamma is a glycoprotein that exists, functionally, as a homodimer of approximately 45 kDa. On SDS-PAGE it appears as a combination of 25, 20 and minor 15.5 kDa bands as a result of differential glycosylation. The biological activity of the IFN gamma homodimer is highly species specific and includes the following: antiviral activity, tumor antiproliferative activity, induction of class I and II MHC, macrophage activation, and enhanced immunoglobulin secretion by B lymphocytes. IFNg is involved in cytokine regulation and also acts synergistically with other cytokines.

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**Keywords**

IFNA1; interferon, alpha 1; interferon alpha-1/13; IFL; IFN; IFN ALPHA; IFN alpha 1b; IFN alphaD; IFNA13; IFNA@; interferon alpha 1b; leIF D; IFN-alpha 1b; IFN-alpha-1/13; interferon-alpha1; interferon alpha-D; IFN-ALPHA; IFN-alphaD; MGC138207; MGC138505; MGC138507;

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## GENE INFORMATION

**Entrez Gene ID**

[3458](#)

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**UniProt ID**

[P01579](#)

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