

Datasheet for ABIN7457924

**anti-Interferon gamma antibody**[Go to Product page](#)

## Overview

|              |                                                 |
|--------------|-------------------------------------------------|
| Quantity:    | 50 µg                                           |
| Target:      | Interferon gamma (IFNG)                         |
| Reactivity:  | Mouse                                           |
| Host:        | Rat                                             |
| Clonality:   | Monoclonal                                      |
| Conjugate:   | This Interferon gamma antibody is un-conjugated |
| Application: | ELISA, Intracellular Flow Cytometry (ICFC)      |

## Product Details

|                  |                                                                                      |
|------------------|--------------------------------------------------------------------------------------|
| Clone:           | XMG1-2                                                                               |
| Isotype:         | IgG1, kappa                                                                          |
| Purification:    | Purified                                                                             |
| Sterility:       | 0.2 µm filtered                                                                      |
| Endotoxin Level: | Low Endotoxin: Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay. |

## Target Details

|                   |                                                                                                                                                                                                                  |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Interferon gamma (IFNG)                                                                                                                                                                                          |
| Alternative Name: | IFNgamma ( <a href="#">IFNG Products</a> )                                                                                                                                                                       |
| Background:       | Interferon gamma, Ifng, IFN-gamma, IFN $\gamma$ , IFN- $\gamma$ is a potent multifunctional cytokine which is secreted primarily by activated NK cells and T cells. Originally characterized based on anti-viral |

## Target Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | activities, IFN- $\gamma$ also exerts anti-proliferative, immunoregulatory, and proinflammatory activities. IFN- $\gamma$ can upregulate MHC class I and II antigen expression by antigen-presenting cells.                                                                                                                                                                                                                                                                                      |
| Gene ID:  | 15978                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| UniProt:  | <a href="#">P01580</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Pathways: | <a href="#">Interferon-gamma Pathway</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">ER-Nucleus Signaling</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Protein targeting to Nucleus</a> , <a href="#">Autophagy</a> |

## Application Details

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator.                        |
| Comment:           | Matching Isotype Control: AF/LE Purified Rat IgG1, $\kappa$ Isotype Control (ABIN7469818) |
| Restrictions:      | For Research Use only                                                                     |

## Handling

|                  |                                                 |
|------------------|-------------------------------------------------|
| Concentration:   | 0.5 mg/mL                                       |
| Buffer:          | PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE) |
| Preservative:    | Azide free                                      |
| Storage:         | 4 °C                                            |
| Storage Comment: | Store at 2~8°C. Do not freeze.                  |