

Datasheet for ABIN901779

## **anti-Interferon gamma antibody (AA 81-166) (AbBy Fluor® 350)**



[Go to Product page](#)

### Overview

|                      |                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                            |
| Target:              | Interferon gamma (IFNG)                                                                                                           |
| Binding Specificity: | AA 81-166                                                                                                                         |
| Reactivity:          | Human                                                                                                                             |
| Host:                | Rabbit                                                                                                                            |
| Clonality:           | Polyclonal                                                                                                                        |
| Conjugate:           | This Interferon gamma antibody is conjugated to AbBy Fluor® 350                                                                   |
| Application:         | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)),<br>Immunofluorescence (Cultured Cells) (IF (cc)) |

### Product Details

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human IFN Gamma |
| Isotype:          | IgG                                                           |
| Cross-Reactivity: | Human                                                         |
| Purification:     | Purified by Protein A.                                        |

### Target Details

|                   |                                                                          |
|-------------------|--------------------------------------------------------------------------|
| Target:           | Interferon gamma (IFNG)                                                  |
| Alternative Name: | IFN gamma ( <a href="#">IFNG Products</a> )                              |
| Background:       | Synonyms: IFG, IFI, Interferon gamma, IFN-gamma, Immune interferon, IFNG |

## Target Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Background: 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.                                                                                                                               |
| Gene ID:  | 3458                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UniProt:  | <a href="#">P01579</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: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |