

Datasheet for ABIN2802785

**anti-IFNA antibody (AA 101-189) (AbBy Fluor® 594)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | IFNA                                                                                                                           |
| Binding Specificity: | AA 101-189                                                                                                                     |
| Reactivity:          | Human                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This IFNA antibody is conjugated to AbBy Fluor® 594                                                                            |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human IFNA1    |
| Isotype:              | IgG                                                          |
| Specificity:          | This antibody will detect all 13 subtypes of Human IFN-Alpha |
| Predicted Reactivity: | Human                                                        |
| Purification:         | Purified by Protein A.                                       |

## Target Details

|                   |                                             |
|-------------------|---------------------------------------------|
| Target:           | IFNA                                        |
| Alternative Name: | IFN-Alpha ( <a href="#">IFNA Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: IFNA, IFN-a, IFN-<math>\alpha</math>, Interferon alpha, Interferon-alpha, IFNA1, IFNA13, IFNA1/13, IFNA4: IFNA5, IFNA6, IFNA17, IFNA21, IFNA8, IFNA2, IFNA7, IFNA14, IFNA10, IFNA16, Pan Interferon alpha</p> <p>Background: Interferon-<math>\alpha</math> (IFN-<math>\alpha</math>, also known as IFN-alpha, IFN-a, IFNA and Interferon-alpha) is a type I interferon and exists as 13 subtypes: IFN-<math>\alpha</math> 1, 2, 4, 5, 6, 7, 8, 10, 13, 14, 16, 17 and 21. They are mainly produced by virus-infected cells after sensing the presence of danger signals such as viral DNA or RNA. The binding of IFN-<math>\alpha</math> to its receptor initiates an anti-viral response, but also anti-tumor effects have been shown. A key producer of type I interferons is the plasmacytoid dendritic cell.</p> |
| Gene ID:    | 3439                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt:    | <a href="#">P01562</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Pathways:   | <a href="#">JAK-STAT Signaling</a> , <a href="#">TLR Signaling</a> , <a href="#">Hepatitis C</a> , <a href="#">Inflammasome</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 $\mu$ g/ $\mu$ L                                                                                                 |
| 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                                                                                                          |