

# Product Datasheet

## IFN-alpha 1 Antibody (2-48) [Alexa Fluor® 700] NBP3-08231AF700

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08231AF700**

IFN-alpha 1 Antibody (2-48) [Alexa Fluor® 700]

| Product Information     |  |
|-------------------------|--|
| Unit Size               | 100 ul   |
| Concentration           | Please see the vial label for concentration. If unlisted please contact technical services.  |
| Storage                 | Store at 4C in the dark.   |
| Clonality               | Monoclonal   |
| Clone                   | 2-48   |
| Preservative            | 0.05% Sodium Azide   |
| Isotype                 | IgG1 Kappa   |
| Conjugate               | Alexa Fluor 700  |
| Purity                  | Protein A or G purified  |
| Buffer                  | 50mM Sodium Borate   |
| Product Description     |  |
| Host                    | Mouse  |
| Gene ID                 | 3439   |
| Gene Symbol             | IFNA1  |
| Species                 | Human  |
| Specificity/Sensitivity | This monoclonal antibody is specific for human interferon alpha 1 and does not cross react with human interferon alpha 2. Interferons are widely used therapeutic agents because of their anti-tumor and anti-viral effects and because of their modulatory effects on the immune system. These cytokines produce their effects by binding to the Type 1 Interferon- Receptor (IFNAR1). Down regulation of this receptor plays a key role in determining the magnitude and duration of cytokine signaling. This down regulation is influenced by phosphorylation of Serine 535 and 539 in the IFNAR1.  |
| Immunogen               | Purified recombinant human IFN-alpha 1 (Uniprot: P01562)   |
| Notes                   | Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |

**Product Application Details**

|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen |
| <b>Recommended Dilutions</b> | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined.  |





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### **Products Related to NBP3-08231AF700**

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|                  |   |
|------------------|---|
| IC002N           | Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 700] |
| NBP2-35888-100ug | Recombinant Human IFN-alpha 1 Protein                 |
| 210-TA-005       | TNF-alpha [Unconjugated]                              |
| 10148-IF-010     | IFN-alpha 1 [Unconjugated]                            |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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