# Product Datasheet

## Complement Component C3aR Antibody (hC3aRZ1) [Alexa Fluor™ Plus 555]

## NB100-64835AFP555

Unit Size: 0.1 ml

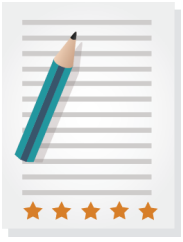
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# NB100-64835AFP555

Complement Component C3aR Antibody (hC3aRZ1) [Alexa Fluor™ Plus 555]

| Product Information | |
|---|---|
| **Unit Size** | 0.1 ml |
| **Concentration** | Please see the vial label for concentration. If unlisted please contact technical services. |
| **Storage** | Store at 4C in the dark. |
| **Clonality** | Monoclonal |
| **Clone** | hC3aRZ1 |
| **Preservative** | 0.05% Sodium Azide |
| **Isotype** | IgG1 |
| **Conjugate** | Alexa Fluor Plus 555 |
| **Purity** | Protein A purified |
| **Buffer** | 50mM Sodium Borate |

| Product Description | |
|---|---|
| **Host** | Mouse |
| **Gene ID** | 719 |
| **Gene Symbol** | C3AR1 |
| **Species** | Human |
| **Specificity/Sensitivity** | NB100-64835 recognizes the receptor for human complement component C3a (C3aR), a 55kD cell surface protein of the rhodopsin family of G protein-coupled seven-transmembrane receptors. C3a is an anaphylatoxin, which is a potent proinflammatory mediator that possesses immunoregulatory properties. C3a regulates inflammatory functions by binding to the C3a receptor. C3aR is expressed on various tissues and leucocytes including basophils, neutrophils, mast cells, eosinophils and activated T lymphocytes. |
| **Immunogen** | Recombinant human C3aR protein |
| **Notes** | This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not 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, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.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 | |
|---|---|
| **Applications** | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen |
| **Recommended Dilutions** | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen |

| | |
|---|---|
| **Application Notes** | Optimal dilution of this antibody should be experimentally determined. |

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## Products Related to NB100-64835AFP555

| | |
|---|---|
| H00000719-G01 | Recombinant Human Complement Component C3aR Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| NBP2-04261 | Complement Component C3aR Overexpression Lysate |
| M6000B-1 | IL-6 [HRP] |

**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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