

# Product Datasheet

## FCAR/CD89 Antibody (MIP8a) [PE/Cy7] NB100-63266PECY7

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NB100-63266PECY7**

FCAR/CD89 Antibody (MIP8a) [PE/Cy7]

| 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. Do not freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clone                       | MIP8a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugate                   | PE/Cy7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity                      | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID                     | 2204                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | FCAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity/Sensitivity     | NB100-63266 recognizes the human CD89 cell surface antigen, a 50-75kD cell surface glycoprotein that is also known as the IgA receptor (Fc alpha R). CD89 is expressed by peripheral blood monocytes and neutrophils. Clone MIP8a blocks binding of IgA to the Fc alpha R, and also inhibits neutrophil phagocytosis of IgA complexes.                                                                                                                                                                                                         |
| Immunogen                   | Recombinant soluble human Fc alpha R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunoprecipitation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunoprecipitation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> if you have any questions. |





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### **Products Related to NB100-63266PECY7**

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|                 |                                           |
|-----------------|-------------------------------------------|
| NBP1-97005PECY7 | Mouse IgG1 Isotype Control (MG1) [PE/Cy7] |
| 210-TA-005      | TNF-alpha [Unconjugated]                  |
| 3939-FA-050     | FCAR/CD89 [Unconjugated]                  |
| M6000B-1        | IL-6 [HRP]                                |

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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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