

# Product Datasheet

## Integrin alpha D/CD11d Antibody (CA11.8H2) [PE/Cy5.5] NB100-65292PECY55

Unit Size: 0.1 ml

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

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**NB100-65292PECY55**

Integrin alpha D/CD11d Antibody (CA11.8H2) [PE/Cy5.5]

| 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                       | CA11.8H2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugate                   | PE/Cy5.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID                     | 3681                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | ITGAD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Species                     | Canine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reactivity Notes            | Reacts with Canine.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Specificity/Sensitivity     | NB100-65292 recognizes the canine CD11d cell surface antigen (the integrin $\alpha$ D sub-unit). The $\alpha$ D integrin is a newly recognized integrin chain that is expressed as a heterodimer with the $\beta$ 2 integrin (CD18). CD11d is expressed by a sub-population of CD8 positive T cells, macrophages and by gd T cells in the splenic red pulp.                                                                                                                                                                                    |
| Immunogen                   | Affinity purified CD11 antigen from canine spleen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applications                | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Frozen                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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 NB100-65292PECY55**

|                    |                                                               |
|--------------------|---------------------------------------------------------------|
| NBP1-97005PECY55   | Mouse IgG1 Isotype Control (MG1) [PE/Cy5.5]                   |
| H00003681-Q01-10ug | Recombinant Human Integrin alpha D/CD11d GST (N-Term) Protein |
| 210-TA-005         | TNF-alpha [Unconjugated]                                      |
| NBP2-10470         | Integrin alpha D/CD11d Overexpression Lysate                  |

**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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