

# Product Datasheet

## Integrin beta 1/CD29 Antibody (MEM-101A) [Allophycocyanin/Cy7] NB500-383APCCY7

Unit Size: 0.1 ml

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

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**NB500-383APCCY7**

Integrin beta 1/CD29 Antibody (MEM-101A) [Allophycocyanin/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                       | MEM-101A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugate                   | Allophycocyanin/Cy7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID                     | 3688                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | ITGB1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Species                     | Human, Porcine, Canine, Mouse (Negative)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Marker                      | Stem Cell Marker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Specificity/Sensitivity     | The antibody MEM-101A reacts with CD29 (integrin beta1 chain), a 130 kDa single chain type I glycoprotein expressed as a heterodimer (non-covalently associated with the integrin alpha subunits 1-6). CD29 is broadly expressed on majority of hematopoietic and non-hematopoietic cells (leukocytes, platelets, fibroblasts, endothelial cells, epithelial cells and mast cells). HLDA VI; WS Code AS A048                                                                                                                                   |
| Immunogen                   | Raji Burkitt's lymphoma cell line (NM_002211.3).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applications                | Flow Cytometry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Recommended Dilutions       | Flow Cytometry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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 NB500-383APCCY7**

|                  |                                                        |
|------------------|--------------------------------------------------------|
| NBP1-97005APCCY7 | Mouse IgG1 Isotype Control (MG1) [Allophycocyanin/Cy7] |
| NBP2-59570-50ug  | Recombinant Human Integrin beta 1/CD29 His Protein     |
| 210-TA-005       | TNF-alpha [Unconjugated]                               |
| NBL1-12069       | Integrin beta 1/CD29 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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