



[Go to Product page](#)

Datasheet for ABIN5633269  
**anti-CD165 antibody (PE)**

1 Image

### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 tests                               |
| Target:      | CD165                                   |
| Reactivity:  | Human                                   |
| Host:        | Mouse                                   |
| Clonality:   | Monoclonal                              |
| Conjugate:   | This CD165 antibody is conjugated to PE |
| Application: | Flow Cytometry (FACS)                   |

### Product Details

|                             |  |
|-----------------------------|--|
| Immunogen:                  | CD165 purified from human Molt-4 cell line   |
| Clone:                      | SN2  |
| Isotype:                    | IgG1 kappa   |
| Specificity:                | The mouse monoclonal antibody SN2, also known as SN2 N6-D11, recognizes an extracellular epitope of CD165, an approximately 37-42 kDa transmembrane glycoprotein expressed mainly on leukemic T cells, double positive and double negative thymocytes (CD4-CD8-, CD4+CD8+), and platelets. |
| Cross-Reactivity (Details): | Human  |
| Purification:               | Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions.<br>Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.   |

## Target Details

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|                   |   |
|-------------------|---|
| Target:           | CD165   |
| Alternative Name: | CD165 ( <a href="#">CD165 Products</a> )  |
| Background:       | CD165 Molecule,CD165 is a poorly characterized transmembrane protein highly expressed on platelets and many leukemic T cell lines. At lower level it is expressed on a proportion of circulating T cells and monocytes, on thymic epithelium, fibroblasts, epidermal keratinocytes, pancreatic islet cells, and some neurons. It might have a role in adhesion between thymocytes and thymic epithelial cells and it can be used as a marker for tumor progression.,AD2 |
| Gene ID:          | 23449   |

## Application Details

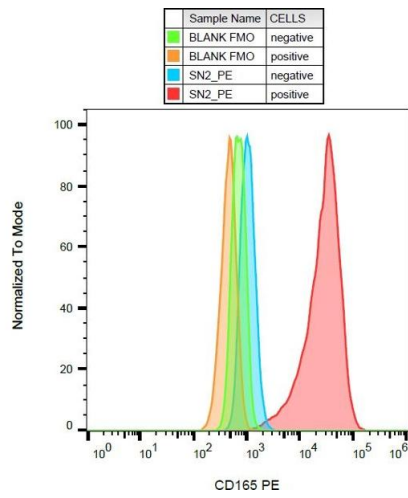
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|                    |   |
|--------------------|---|
| Application Notes: | Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µL reagent / 100 µL of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. |
| Comment:           | The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.           |
| Restrictions:      | For Research Use only   |

## Handling

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|                    |  |
|--------------------|--|
| Buffer:            | Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide  |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C   |
| Storage Comment:   | Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.   |



### Flow Cytometry

**Image 1.** Flow cytometry analysis (surface staining) of CD165 on JURKAT and SP2 cell lines with anti-CD165 (SN2) PE.