Datasheet for ABIN7539537

# anti-CD56 antibody (APC)

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## Overview

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| Quantity: | 100 tests |
| Target: | CD56 (NCAM1) |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This CD56 antibody is conjugated to APC |
| Application: | Flow Cytometry (FACS) |

## Product Details

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| Purpose: | CD56 APC Antibody |
| Immunogen: | Human myotube cells |
| Clone: | 5-1H11 |
| Isotype: | IgG1, kappa |
| Characteristics: | The clone 5.1H11, a mouse monoclonal antibody, selectively binds to the human 140- kDa glycoprotein, an isoform of neural cell adhesion molecule (NCAM) known as CD56. It is a member of Immunoglobulin (Ig) superfamily. CD56 and CD16 expressing lymphocytes are primarily considered as human NK cells and NK-T cells. A subset of CD56+ NK cells plays a unique functional role in the innate immune response as the primary source of NK cell-derived immunoregulatory cytokines, regulated in part by differential monokine production. CD56 is expressed in normal and as well as neoplastic human neuroendocrine tissues, certain large granular lymphocyte (LGL) leukemias, small-cell lung carcinomas, neuronal derived tumors, |

## Product Details

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| | myelomas, and myeloid leukemias. Additionally, increased CD56+ lymphocyte subsets in peripheral blood are a significant predictive or prognostic factor in metastatic breast cancer. |
| Purification: | Purified |
| Purity: | >95 % |
| Grade: | GMP Grade (Analyte) |

## Target Details

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|---|---|
| Target: | CD56 (NCAM1) |
| Alternative Name: | CD56 (NCAM1 Products) |
| Gene ID: | 4684 |
| UniProt: | P13591 |

## Application Details

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| Application Notes: | FC: 5 µL/test We recommend that every lab carries out an initial titration study before running your samples to ensure that the optimal concentration is selected for your application. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| Buffer: | PBS, pH 7.2, 0.09 % Sodium azide and 0.2 % (w/v) BSA |
| 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: | 2-8°C, Conjugated antibodies should never be frozen. |