

ANTI-HUMAN CD56 PE

**PE-Conjugated Mouse Monoclonal Antibody Against Human CD56
Clone NCAM16.2**

Catalog # 10526

50 tests

SPECIFICITY:

CD56 is an isoform of the Neural Cell Adhesion Molecule (NCAM) and is a marker of human NK cells. CD56 expression increases upon NK cell activation. CD56 is also expressed on a subset of CD4⁺ and CD8⁺ T cells in peripheral blood and on adult neural cells and during embryogenesis.

CLONE: NCAM16.2

ISOTYPE: IgG_{2b}κ (mouse)

FORMAT:

12.5 µg in 1 mL (12.5 µg/mL) in phosphate buffered saline (PBS) containing gelatin and 0.1% (w/v) sodium azide.

STABILITY AND STORAGE:

Store at 4°C. Do not freeze. Product is stable for at least 6 months.

APPLICATIONS AND DIRECTIONS FOR USE:

Flow cytometry:

Recommended amount per 1x10⁶ cells in a volume of 100 µL: 20 µL
Appropriate conditions should be established for each application.

Cell separation:

Positive selection of CD56⁺ cells with StemCell's reagents for immunomagnetic cell separation. Please contact us for more information.

**NOT FOR CLINICAL USE; INCLUDING IN VITRO DIAGNOSTIC USE, AND EX VIVO OR IN VIVO THERAPEUTIC USE IN CLINICAL TRIALS OR IN CLINICAL PRACTISE.
THIS REAGENT IS FOR RESEARCH ONLY.**

Hazardous Ingredient: Sodium Azide. Avoid exposure to skin and eyes, ingestion and contact with heat, acids and metals. Wash exposed skin with soap and water. Flush eyes with water. Dilute with running water before discharging into plumbing.

REFERENCES:

1. Barclay AN, Brown MH, Law SKA, McKnight AJ, Tomlinson MG, van der Merwe PA, eds. 1997. The Leukocyte Antigens Facts Book, 2nd Edition, CD56. Academic Press, NY, p 284-286.
2. Kishimoto T et al. Eds.1998. Leukocyte Typing VI. White Cell Differentiation Antigens. Garland Publishing Inc, New York NY, p1155-1156.