

ANTI-HUMAN CD123 PE

**PE-Conjugated Mouse Monoclonal Antibody Against Human CD123
Clone 9F5**

Catalog # 10532

50 tests

SPECIFICITY:

CD123 is the alpha-subunit of the interleukin-3 receptor. It is expressed on most myeloid cell lineages including early progenitor cells, on monocytes, eosinophils and basophils.

CLONE: 9F5

ISOTYPE: IgG₁κ (mouse)

FORMAT:

PE-conjugated antibody in 1 mL 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 CD123⁺ 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. Kishimoto T et al. Eds.1998. Leukocyte Typing VI. White Cell Differentiation Antigens.. Garland Publishing Inc, New York NY, p1196.
2. Wognum AW, de Jong MO, Wagemaker G. Differential expression of receptors for hemopoietic growth factors on subsets of CD34+ hemopoietic cells. Leuk Lymphoma 24:11-25, 1996.
3. Sato N, Caux C, Kitamura T, Watanabe Y, Arai K, Banchereau J, Miyajima A. Expression and factor-dependent modulation of the interleukin-3 receptor subunits on human hematopoietic cells. . Blood 82: 752-61, 1993.