

**Manufacturer/Supplier:**

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**Product name:** Anti-Human CD123 Monoclonal  
Antibody(PerCP/Cyanine5.5 Conjugated)

**Catalog:** DL21448F

**Synonyms:** IL-3R $\alpha$ , IL-3 Receptor alpha

**Background:** CD123 is the 70 kD transmembrane  $\alpha$  chain of the IL-3 receptor. Alone, CD123 binds IL-3 with low affinity; when CD123 associates with CDw131 (common  $\beta$  chain), it binds IL-3 with high affinity. CD123 does not transduce intracellular signals upon binding IL-3 and requires the  $\beta$  chain for this function. CD123 is expressed by myeloid precursors, macrophages, dendritic cells, mast cells, basophils, megakaryocytes, and some B cells.

**Form:** Liquid

**Isotype:** Mouse IgG1,  $\kappa$

**Size:**

20Tests/100Tests/100Tests×2

**Host:** Mouse**Reactivity:** Human**Application:** FCM**Concentration:** 5  $\mu$ L**Conjugation:** PerCP/Cyanine5.5**SwissProt:** P26951

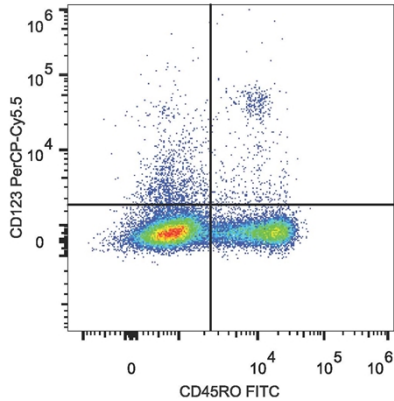
**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

**Recommended Use:**

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

**Data:**

Human peripheral blood lymphocytes are stained with Anti-Human CD45RO Monoclonal Antibody(FITC Conjugated) and Anti-Human CD123 Monoclonal Antibody(PerCP/Cyanine5.5 Conjugated)



### Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.