

PE/Cyanine7 Anti-Human CD123 Antibody[6H6]

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|--------------------|--|---------------------|-------|
| Catalog No. | E-AB-F1117H | Reactivity | Human |
| Storage | Store at 2~8°C, Avoid freeze / thaw cycles | Applications | FCM |

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Antigen Information

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| Alternate Names | IL-3R α , IL-3 Receptor alpha |
| Uniprot ID | P26951 |
| Background | CD123 is the 70 kD transmembrane α chain of the IL-3 receptor. Alone, CD123 binds IL-3 with low affinity; when CD123 associates with CDw131 (common β chain), it binds IL-3 with high affinity. CD123 does not transduce intracellular signals upon binding IL-3 and requires the β chain for this function. CD123 is expressed by myeloid precursors, macrophages, dendritic cells, mast cells, basophils, megakaryocytes, and some B cells. |

Product Details

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|--------------------------------|--|
| Form | Liquid |
| Size | 20Tests/100Tests/100Tests \times 2 |
| Clone No. | 6H6 |
| Host | Mouse |
| Isotype | Mouse IgG1, κ |
| Reactivity | Human |
| Application | FCM |
| Isotype Control | PE/Cyanine7 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792H] |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |
| Shipping | Biological ice pack at 4 °C |
| Stability & 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. |

For Research Use Only

Fluorophore

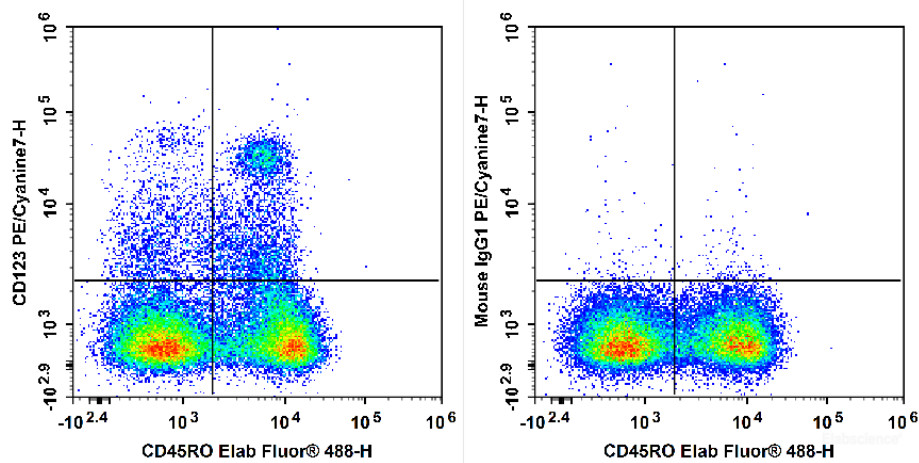
Conjugation: PE/Cyanine7

PE/Cyanine7 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm (e.g., a 780/60 nm bandpass filter).

Recommended usage

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

Product data



Human peripheral blood mononuclear cells are stained with Elab Fluor® 488 Anti-Human CD45RO Antibody and PE/Cyanine7 Anti-Human CD123 Antibody[6H6] (Left). Mononuclear cells are stained with Elab Fluor® 488 Anti-Human CD45RO Antibody and PE/Cyanine7 Mouse IgG1, κ Isotype Control (Right).

Related Information

1. Sample Preparation for Flow Cytometry <https://www.elabscience.com/List-detail-5594.html>
2. Staining Cell Surface Targets for Flow Cytometry <https://www.elabscience.com/List-detail-5568.html>
3. Flow Cytometry Troubleshooting Tips <https://www.elabscience.com/List-detail-5593.html>
4. How to select the appropriate detection channel through the spectrogram? <https://www.elabscience.com/List-detail-459742.html>