

Human CD8α Antibody

Monoclonal Mouse IgG₁ Clone #RPA-T8
Catalog Number: MAB3802

| DESCRIPTION | | |
|--------------------|--|--|
| Species Reactivity | Human | |
| Specificity | Detects human CD8α in direct ELISAs. | |
| Source | Monoclonal Mouse IgG ₁ Clone # RPA-T8 | |
| Purification | Protein A or G purified from hybridoma culture supernatant | |
| Immunogen | Human CD8α Accession # NP_741696 | |
| Formulation | Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS. | |

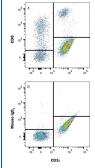
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website

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| | Recommended Concentration | Sample | |
| Flow Cytometry | 0.25 μg/10 ⁶ cells | Human PBMC lymphocytes | |

DATA

Flow Cytometry



Detection of CD8 in Human Blood Lymphocytes by Flow Cytometry. Human peripheral blood lymphocytes were stained with (A) Mouse Anti-Human CD8 Monoclonal Antibody (Catalog # MAB3802) or (B) Mouse IgG1 Isotype Control (Catalog # MAB002), followed by PE-conjugated anti-Mouse IgG secondary antibody (Catalog # F0102B) and Mouse Anti-Human CD3 epsilon APC-conjugated Monoclonal Antibody (Catalog # FAB100A). Staining was performed using our Staining Membrane-associated Proteins protocol.

PREPARATION AND STORAGE

Reconstitution Reconstitute at 0.5 mg/mL in sterile PBS.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

CD8 is a heterodimeric glycoprotein consisting of an α and β chain. It is expressed on cytolytic T cells and functions in conjunction with the T cell receptor in the recognition of MHC/peptide complexes.

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