# Purified Anti-Human CD8a Antibody[RPA-T8], Functional Grade

**catalog number:** **AN008820**

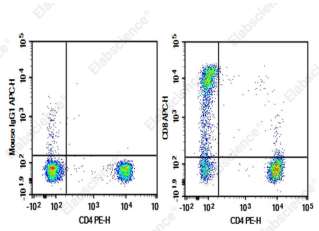
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

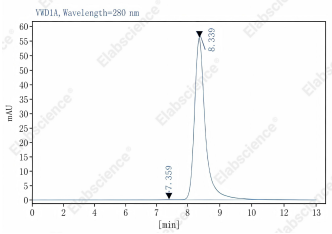
| | |
|---|---|
| **Reactivity** | Human |
| **Immunogen** | Recombinant Human CD8a protein |
| **Host** | Mouse |
| **Isotype** | Mouse IgG1, κ |
| **Clone** | RPA-T8 |
| **Purification** | >98%, Protein A/G purified |
| **Buffer** | Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method. |

| Applications | Recommended Dilution |
|---|---|
| **FCM** | ≤ 0.2 μg per million cells in 100 μL volume |
| **Stim** | Reported in the literature |

## Data




Human peripheral blood lymphocytes were stained with 0.2 μg Purified Anti-Human CD8 Antibody[RPA-T8], Functional Grade (Right) and 0.2 μg Mouse IgG1, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD4 PE-conjugated Monoclonal Antibody.




Human peripheral blood lymphocytes were stained with 0.2 μg Purified Anti-Human CD8 Antibody[RPA-T8], Functional Grade (Right) and 0.2 μg Mouse IgG1, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD4 PE-conjugated Monoclonal Antibody.

## Preparation & Storage

| | |
|---|---|
| **Storage** | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions. |
| **Shipping** | Ice bag |

## Background

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

None (Azide-Free,Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or exogenous endotoxin may signal or activate cells.

## Application References

Banga R, et al. Cell Host Microbe. 2023;17:1431.