

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

catalog number: AN008820

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

Description

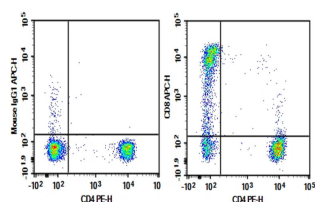
Reactivity	Human
Immunogen	Recombinant Human CD8a protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	RPA-T8
Purification	>98%, Protein A/G purified
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

Applications

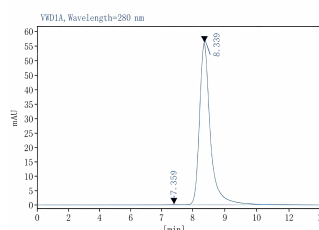
Recommended Dilution

FCM	2 μ g/mL (0.5 \times 10 ⁶ -1 \times 10 ⁶ cells)
Stim	Reported in the literature

Data



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



Monomer purity \geq 95% as determined by analytical size-exclusion chromatography (SEC)

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.

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