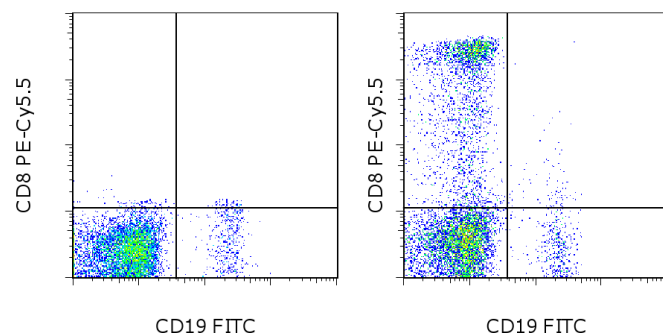


## Anti-Human CD8a PE-Cyanine5.5

**Catalog Number:** 35-0088

**Also known as:** CD8 alpha, leu-2a

**RUO: For Research Use Only. Not for use in diagnostic procedures.**



Staining of normal human peripheral blood cells with Anti-Human CD19 FITC (cat. 11-0199) and Mouse IgG1 K Isotype Control PE-Cyanine5.5 (cat. 35-4714) (left) or Anti-Human CD8a (right) PE-Cyanine5.5. Cells in the lymphocyte gate were used for analysis.

### Product Information



**Contents:** Anti-Human CD8a PE-Cyanine5.5

**Catalog Number:** 35-0088

**Clone:** RPA-T8

**Concentration:** 5  $\mu$ L (0.125  $\mu$ g)/test

**Host/Isotype:** Mouse IgG1, kappa

**HLDA Workshop:** IV T171



**Formulation:** aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

**Temperature Limitation:** Store at 2-8°C. Do not freeze. Light-sensitive material.



**Batch Code:** Refer to vial



**Use By:** Refer to vial



**Contains sodium azide**

### Description

The RPA-T8 monoclonal antibody reacts with the human CD8a molecule, an approximately 32-34 kDa cell surface receptor expressed either as a heterodimer with the CD8 beta chain (CD8 alpha/beta) or as a homodimer (CD8 alpha/alpha). A majority of thymocytes and a subpopulation of mature T cells and NK cells express CD8a. CD8 binds to MHC class I and through its association with protein tyrosine kinase p56lck plays a role in T-cell development and activation of mature T cells.

### Applications Reported

This RPA-T8 antibody has been reported for use in flow cytometric analysis.

### Applications Tested

This RPA-T8 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5  $\mu$ L (0.125  $\mu$ g) per test. A test is defined as the amount ( $\mu$ g) of antibody that will stain a cell sample in a final volume of 100  $\mu$ L. Cell number should be determined empirically but can range from  $10^5$  to  $10^8$  cells/test.

### References

Kishimoto, T., A.E.G., von dem Borne, et al. eds. (1998). Leucocyte Typing VI: White Cell Differentiation Antigens. Garland Publishing, Inc. London.

Schlossman, S., L. Bloumsell, et al. eds. (1995). Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York.

Knapp, W., B. Dorken, et al. eds. (1989). Leucocyte Typing IV: White Cell Differentiation Antigens. Oxford University Press. New York.

### Related Products

00-4222 Flow Cytometry Staining Buffer

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11-0199 Anti-Human CD19 FITC (HIB19)

12-0047 Anti-Human CD4 PE (SK3 (SK-3))

35-4714 Mouse IgG1 K Isotype Control PE-Cyanine5.5 (P3.6.2.8.1)

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