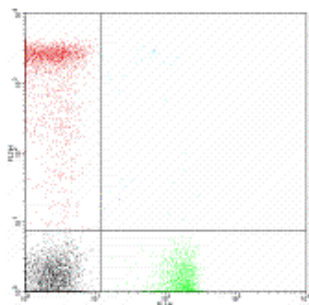


Anti-Human CD8a PE

Catalog Number: 12-0088

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 CD4 FITC (cat. 11-0049) and Anti-Human CD8a PE.

Product Information

Contents: Anti-Human CD8a PE

REF **Catalog Number:** 12-0088

Clone: RPA-T8

Concentration: ug size: 0.2 mg/mL; test size: 5 uL (0.125 ug)/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



Caution, contains 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

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

Applications Tested

This RPA-T8 antibody is offered in 2 formats:

- μ g size: has been tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at less than or equal to 0.25 μ g per test. A test is defined as the amount (μ g)/test of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

- test size: has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at test size: 5 μ L (0.125 μ g)/per test The pre-titrated test size contains BSA and/or gelatin for protein stabilization.

References

Knapp, W., B. Dorken, et al. eds. (1989). Leucocyte Typing IV: White Cell Differentiation Antigens. Oxford University Press. New York.
 Schlossman, S., L. Bloumsell, et al. eds. (1995). Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York.

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

Related Products

11-0049 Anti-Human CD4 FITC (RPA-T4)

12-4714 Mouse IgG1 K Isotype Control PE (P3.6.2.1)

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