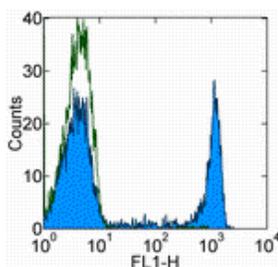


Anti-Human CD8a FITC

Catalog Number: 11-0089

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 Mouse IgG1 K Isotype Control FITC (cat. 11-4714) (open histogram) or Anti-Human CD8a FITC (filled histogram). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD8a FITC

REF **Catalog Number:** 11-0089

Clone: HIT8a

Concentration: 5 uL (0.5 ug)/test

Host/Isotype: Mouse IgG1, kappa

HLDA Workshop: V 5T-CD08.10

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.

LOT **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Caution, contains Azide**

Description

The HIT8a 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 HIT8a antibody has been reported for use in flow cytometric analysis.

Applications Tested

This HIT8a antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 5 µL (0.5 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test.

References

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

Related Products

11-4714 Mouse IgG1 K Isotype Control FITC (P3.6.2.1)

12-0048 Anti-Human CD4 PE (OKT4 (OKT-4))

46-0037 Anti-Human CD3 PerCP-eFluor® 710 (OKT3)

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