

DESCRIPTION

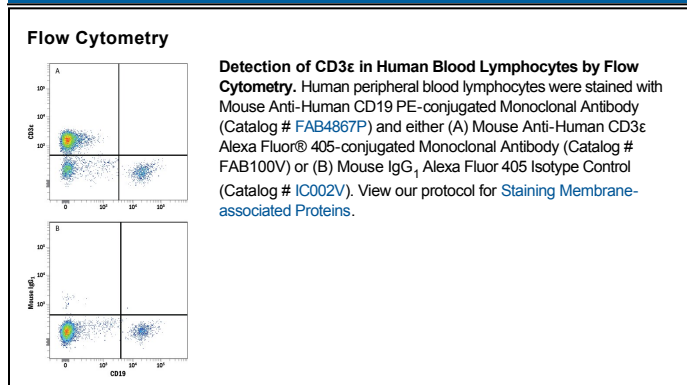
| | |
|---------------------------|--|
| Species Reactivity | Human |
| Specificity | Recognizes the ϵ -chain of the CD3/T cell antigen receptor complex (McMichael, A.J. <i>et al.</i> (1987) <i>Leucocyte Typing III: White Cell Differentiation Antigens</i> , Oxford University Press, New York; Knapp, W. <i>et al.</i> (1989) <i>Leucocyte Typing IV: White Cell Differentiation Antigens</i> , Oxford University Press, New York; Schlossman, S. <i>et al.</i> (1995) <i>Leucocyte Typing V: White Cell Differentiation Antigens</i> , Oxford University Press, New York). |
| Source | Monoclonal Mouse IgG ₁ Clone # UCHT1 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | Human thymocytes (1) |
| Conjugate | Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm |
| Formulation | Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions. |

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

| | Recommended Concentration | Sample |
|-----------------------|---------------------------------|-----------|
| Flow Cytometry | 5 μ L/10 ⁶ cells | See Below |

DATA



PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage **Protect from light. Do not freeze.**

- 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

CD3 ϵ is one of at least four invariant proteins that associate with the variable antigen recognition chains of the T cell receptor and function in signal transduction.

References:

1. Beverly, P.C.L. and R.E. Callard (1981) *Eur. J. Immunol.* **11**:329.

PRODUCT SPECIFIC NOTICES

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