

# CD3 epsilon antibody [UCHT1] (FITC)

## Cat. No. GTX76167

Host	Mouse
Clonality	Monoclonal
Isotype	lgG1
Applications	FCM
Reactivity	Human

References (9)
Package
100 test

### PRODUCT

Summary

The UCHL1 antibody reacts with the human CD45 isoform known as CD45RO, a protein tyrosine phosphatase of  $\geq$  220 kDa. CD45 is one of the most abundant hematopoietic markers, and is expressed on all leukocytes (the Leukocyte Common Antigen, LCA). Various isoforms are generated and expressed in cell-specific patterns. With their broad cell distribution, CD45 isoforms are critical for many leukocyte functions, regulating signal transduction and cell activation associated with the T cell receptor, B cell receptor, and IL-2 receptor. Other forms of CD45, with restricted cellular expression, include CD45R (B220), CD45RA and CD45RB.

#### **Applications**

#### **Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
FCM	1 $\mu g$ (5 $\mu l$ ) for 10 <sup>5</sup> -10 <sup>8</sup> cells in 100 $\mu l$ sample per test
Not tested in other applications.	

**Product Note**This antibody reacts with the epsilon chain of the CD3 complex.

Properties	
Form	Liquid
Buffer	10mM NaH₂PO₄, 150mM NaCl, 0.1% Gelatin
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	human thymocytes followed by Sezary T cells
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Fluorescein isothiocyanate (FITC) Wavelength



For full product information, images and publications, please visit our <u>website</u>.

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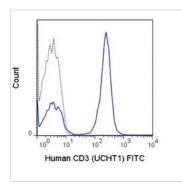


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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

#### DATA IMAGES



#### GTX76167 FCM Image

FACS analysis of human peripheral blood lymphocytes using GTX76167 CD3 epsilon antibody [UCHT1]

Solid line: Primary antibody

Dashed line: FITC mouse IgG1 isotype control.

Antibody amount: 1 µg



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