

## CD3 epsilon antibody [UCHT1] (APC-Cy7)

Cat. No. GTX00598-15

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	FCM
<b>Reactivity</b>	Human, Chimpanzee

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	0.5 $\mu\text{g}$ (5 $\mu\text{l}$ ) for $10^5$ - $10^8$ cells in 100 $\mu\text{l}$ sample per test
-----	---

Not tested in other applications.

## Product Note

This antibody reacts with the epsilon chain of the CD3 complex.

## Properties

<b>Form</b>	Liquid
-------------	--------

<b>Buffer</b>	10mM NaH <sub>2</sub> PO <sub>4</sub> , 150mM NaCl, 0.1% Gelatin
---------------	--

<b>Preservative</b>	0.09% Sodium azide
---------------------	--------------------

<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
----------------	--

<b>Concentration</b>	0.1 mg/ml (Please refer to the vial label for the specific concentration.)
----------------------	--

<b>Immunogen</b>	human thymocytes followed by Sezary T cells
------------------	---

<b>Purification</b>	Purified by affinity chromatography From tissue culture supernatant
---------------------	--

<b>Conjugation</b>	Allophycocyanin-Cyanine7 (APC-Cy7) <a href="#">Wavelength</a>
--------------------	---



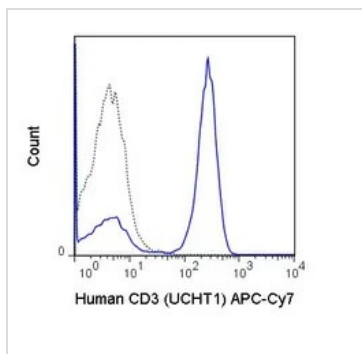
For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**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

**GTX00598-15 FCM Image**

FACS analysis of human peripheral blood lymphocytes using GTX00598-15 CD3 epsilon antibody [UCHT1] (APC-Cy7).

Solid line : Primary antibody

Dashed line : APC-Cy7 mouse IgG1 isotype control

Antibody amount : 0.5  $\mu$ g



For full product information, images and publications, please visit our [website](#).