

## CD45 antibody [HI30] (PerCP-Cy5.5)

## Cat. No. GTX00526-11

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	FCM
Reactivity	Human, Chimpanzee

References ( 10 )

Package

100 test

## PRODUCT

## Summary

The HI30 antibody reacts with human CD45, one of the most abundant hematopoietic markers and one that is expressed on all leukocytes (the Leukocyte Common Antigen, LCA). CD45 is a protein tyrosine phosphatase existing in several isoforms, each being generated and expressed in cell-specific patterns. With its broad cell distribution, CD45 is 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, CD45RB, CD45RO and others.

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
FCM	0.25 µg (5 µl) for $10^5$ - $10^8$ cells in 100 µl sample per test

Not tested in other applications.

**Product Note** This antibody recognizes all isoforms of human CD45 antigen (Leukocyte Common Antigen).

## Properties

Form	Liquid
Buffer	10mM NaH <sub>2</sub> PO <sub>4</sub> , 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	0.05 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Peridinin-chlorophyll proteins-Cyanine5.5 (PerCP-Cy5.5) <a href="#">Wavelength</a>



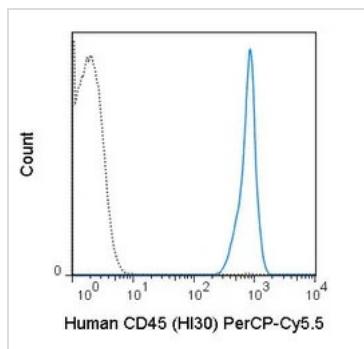
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**Note**

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****GTX00526-11 FCM Image**

FACS analysis of human peripheral blood lymphocytes using GTX00526-11 CD45 antibody [HI30] (PerCP-Cy5.5).

Solid line : Primary antibody

Dashed line : PerCP-Cy5.5 mouse IgG1 isotype control

Antibody amount : 0.25 µg



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