

# Mouse anti-Human CD3, FITC Conjugated mAb

Catalog No: #AB28004



Package Size: #AB28004-1 50 Tests

Orders: [order@abscitech.com](mailto:order@abscitech.com)Support: [tech@abscitech.com](mailto:tech@abscitech.com)

## Description

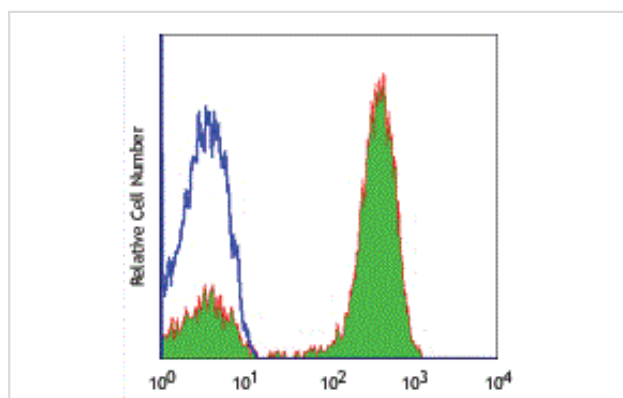
Product Name	Mouse anti-Human CD3, FITC Conjugated mAb
Host Species	Mouse
Clonality	Monoclonal
Clone No.	4AT3
Isotype	IgG2a
Applications	FC
Species Reactivity	Hu
Conjugates	FITC
Target Name	CD3
Formulation	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
Storage	Store at 4°C. DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.

## Application Details

Vol.per.Test: 10 &amp;mu;l/Test

Notice: This reagent has been pre-diluted for use at recommended volume per test in flow cytometry analysis. Typically add 10ul of this reagent to 100&mu;l of experimental sample with 1 X 10<sup>6</sup> cells per test. Please refer to the detailed protocol when you perform a test.

## Images



Human peripheral blood lymphocytes analyzed with FITC CD3 mAb

## Background

4AT3 reacts with CD3, a 20-26 kDa molecule, which is expressed on all mature T lymphocytes (approximately 60-80% of normal human peripheral blood lymphocytes), NK-T cells and some thymocytes. CD3 associated with the T-cell receptor  $\alpha/\beta$  or  $\gamma/\delta$  dimer also plays a role in T-cell activation and signal transduction during antigen recognition.

\* CD3 mAb is used to count mature T cells in blood.

1. Ledbetter, J et al. (1981) J Exp Med 153:310-323.
2. Haynes, B et al. (1986) Leukocyte Typing II: Human T lymphocytes. New York: Springer-Verlag; 3-30.
3. Clevers H et al. (1988). Ann Rev Immunol 6 : 629-662.

4. Barclay, N et al. (1993). The Leucocyte Factsbook. Academic Press. San Diego.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.