

Mouse anti-Human CD56, FITC Conjugated mAb

Catalog No: #AB28176



Package Size: #AB28176-1 50 Tests

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Description

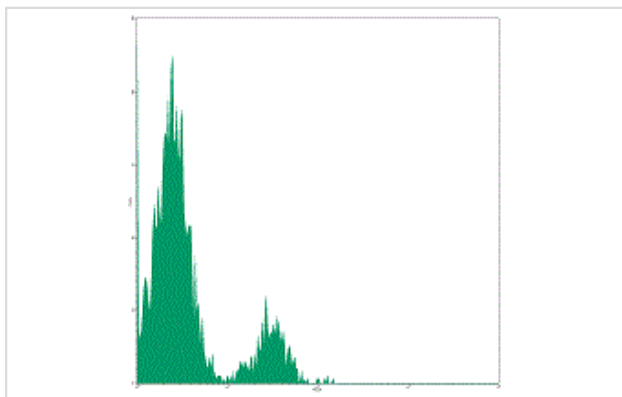
Product Name	Mouse anti-Human CD56, FITC Conjugated mAb
Host Species	Mouse
Clonality	Monoclonal
Clone No.	COC56
Isotype	IgG1
Applications	FC
Species Reactivity	Hu
Conjugates	FITC
Target Name	CD56
Formulation	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
Storage	Store at 4°C. DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.

Application Details

Vol.per.Test: 10 &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 100μl of experimental sample with 1 X 10⁶ cells per test. Please refer to the detailed protocol when you perform a test.

Images



Human peripheral blood lymphocytes analyzed with FITC CD56 mAb

Background

COC56 reacts with CD56, a 175-220 kDa Neural Cell Adhesion Molecule (NCAM), expressed on 10-25% of peripheral blood lymphocytes, including all CD16+ NK cells and approximately 5% of CD3+ lymphocytes, referred to as NKT cells. It also is present at brain and neuromuscular junctions, certain LGL leukemias, small cell lung carcinomas, neuronally derived tumors, myeloma and myeloid leukemias. CD56 (NCAM) is involved in neuronal homotypic cell adhesion which is implicated in neural development, and in cell differentiation during embryogenesis.

1. Knapp, W et al., eds. (1989) Leucocyte Typing IV: White Cell Differentiation Antigens, Oxford University Press, New York.
2. Lanier LL . et al. (1991) J. Immunol. 146:4421-4426.
3. Campbell, JJ et al. (2001) J. Immunol . 166:6477-6482.

4. Cooper MD et al. (2001) Trends in Immunol. 22:633-640.
5. Galandrini R et al. (2002) Blood. 100:4581-4589.

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