

Mouse anti-Human CD86, FITC Conjugated mAb

Catalog No: #AB28206



Package Size: #AB28206-1 50 Tests

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Description

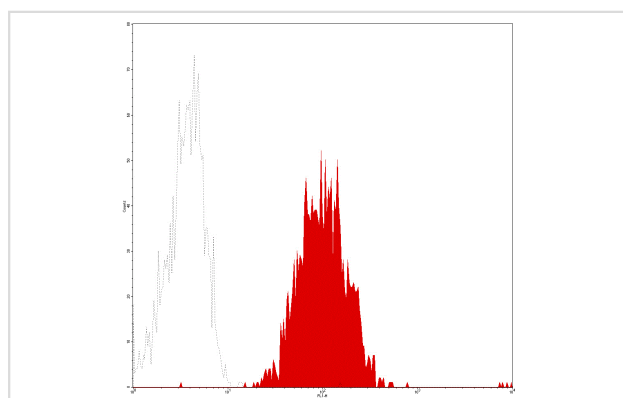
Product Name	Mouse anti-Human CD86, FITC Conjugated mAb
Host Species	Mouse
Clonality	Monoclonal
Clone No.	K86
Isotype	IgG1
Applications	FC
Species Reactivity	Hu
Conjugates	FITC
Target Name	CD86
Formulation	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
Storage	Store 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



Daudi cells analyzed with FITC CD86 mAb

Background

CD86 also known as B7-2, is a type I transmembrane glycoprotein and a member of the immunoglobulin superfamily of cell surface receptors. It is expressed at high levels on resting peripheral monocytes and dendritic cells and at very low density on resting B and T lymphocytes. CD86 expression is rapidly upregulated by B cell specific stimuli with peak expression at 18 to 42 hours after stimulation. CD86, along with CD80/B7-1, is an important accessory molecule in T cell costimulation via its interaction with CD28 and CD152/CTLA4. Since CD86 has rapid kinetics of induction, it is believed to be the major CD28 ligand expressed early in the immune response. It is also found on malignant Hodgkin and Reed Sternberg (HRS) cells in Hodgkin's disease.

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.