Mouse anti-Human CD8, Purified mAb

Catalog No: #28025

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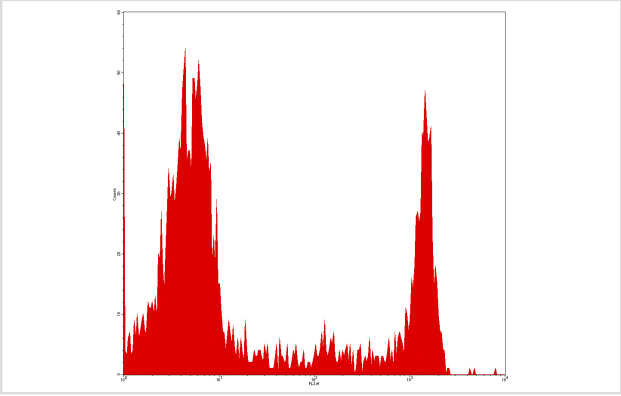
Description

Product Name	Mouse anti-Human CD8, Purified mAb
Host Species	Mouse
Clonality	Monoclonal
Clone No.	COV8
Isotype	IgG1
Applications	FC
Species Reactivity	Hu
Target Name	CD8
Concentration	1mg/ml
Formulation	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide
Storage	Store at 4°C. DO NOT FREEZE.

Application Details

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 Purified CD8 mAb, followed by anti-mouse IgGs-PE

Background

COV8 reacts with the 32 kDa a chain of CD8. This molecule is expressed on the T suppressor/cytotoxic cell population (which comprises about 1/3 of the peripheral blood T lymphocytes total population) and with most of thymocytes, as well as a subset of NK cells. CD8 expresses as either a heterodimer with the CD8b chain (CD8ab) or as a homodimer (CD8aa or CD8bb). CD8 acts as a co-receptor with MHC Class I restricted TCRs in antigen recognition. CD8 function is important for positive selection of MHC Class I restricted CD8+ T cells during T cell development.

1. Engleman EG et al. (1981) J Exp Med 153: 193-198.
2. Haynes,B et al. (1986) Leukocyte TypingII: Human T lymphocytes. New York: Sprimger-Verlag; 3-30.
3. Parnes, JR. et al. (1989). Adv. Immunol. 44,256-311.
4. Bikah G. et al. (1996). Science 274:1906

Note: This product is for in vitro research use only