

Mouse anti-Human CD8, APC Conjugated mAb

Catalog No: #AB28029



Package Size: #AB28029-1 50 Tests

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Description

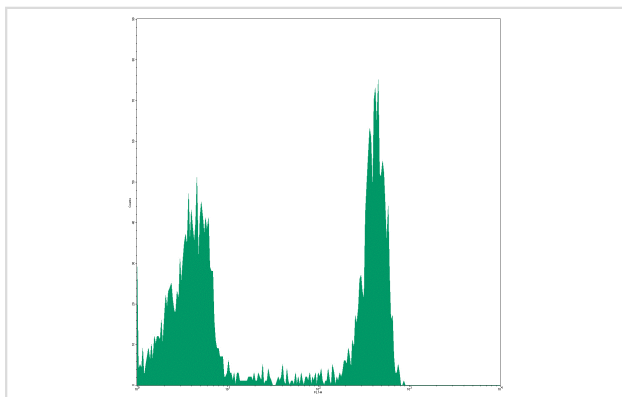
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|--------------------|--|
| Product Name | Mouse anti-Human CD8, APC Conjugated mAb |
| Host Species | Mouse |
| Clonality | Monoclonal |
| Clone No. | COV8 |
| Isotype | IgG1 |
| Applications | FC |
| Species Reactivity | Hu |
| Conjugates | APC |
| Target Name | CD8 |
| Formulation | Phosphate-buffered solution, pH7.4, 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 APC CD8 mAb

Background

COV8 reacts with the 32 kDa α 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.

* Ratio of CD4 and CD8 is important for monitor of HIV infection.

1. Engleman EG et al. (1981) J Exp Med 153: 193-198.
2. Haynes, B et al. (1986) Leukocyte Typing II: Human T lymphocytes. New York: Springer-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 and is not intended for use in humans or animals.