

Rat anti-Mouse CD4, PE Conjugated mAb

Catalog No: #28257

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Description

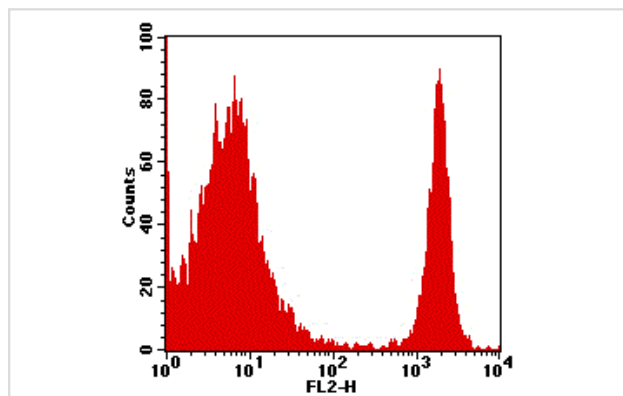
Product Name	Rat anti-Mouse CD4, PE Conjugated mAb
Host Species	Rat
Clonality	Monoclonal
Clone No.	4AM15
Isotype	IgG2b
Applications	FC
Species Reactivity	Ms
Conjugates	PE
Target Name	CD4
Formulation	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
Storage	Store at 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



Mouse spleen cells analyzed with PE mouse CD4 mAb.

Background

The 4AM15 monoclonal antibody reacts with the mouse CD4 molecule, a 55 kDa cell surface receptor. It is a member of the Ig superfamily, primarily expressed on most thymocytes, a subset of T cells, and weakly on macrophages and dendritic cells. It acts as a coreceptor with the TCR during T cell activation and thymic differentiation by binding MHC classII and associating with the protein tyrosine kinase, lck.

1. Nakamura.T. 1992.Personal communication.
2. Bendelac.A.1995.Mouse NK1 T Cells.Curr.Opin.Immunol.7:367-374
3. Shevach,E.M.2000.Regulatory T cells in autoimmunity.Annu.Rev.Immunol.

Note: This product is for in vitro research use only