Product Datasheet

Mouse anti-Human CD19, PE Conjugated mAb

Catalog No: #28073

Package Size: #28073-1 25 Tests #28073-2 100 Tests

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

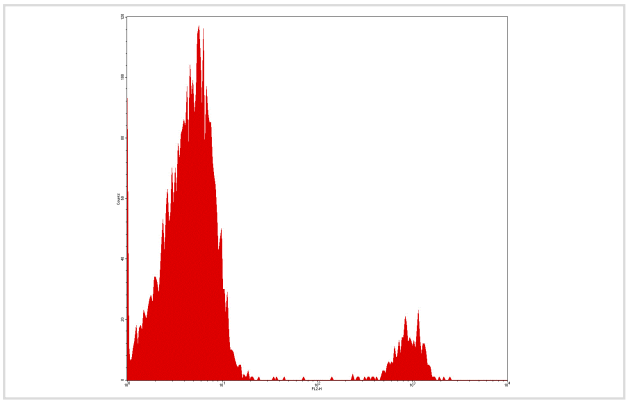
Product Name	Mouse anti-Human CD19, PE Conjugated mAb
Host Species	Mouse
Clonality	Monoclonal
Clone No.	4ACB19
Isotype	Mouse IgG1
Applications	FC
Species Reactivity	Hu
Conjugates	PE
Target Name	CD19
Formulation	Formulation: Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA□Application o℃
Storage	Storage: Store at 4°C. DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.

Application Details

Vol.per.Test: 10 μl/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 PE CD19 mAb

Background

COC19 reacts with CD19 (B4), a 90 kDa molecule, which is expressed on approximately 5-25% of human peripheral blood lymphocytes. CD19 antigen is present on human B lymphocytes at most stages of maturation, from the earliest Ig gene rearrangement in pro-B cells to mature cell, as well as malignant B cells, but is lost on maturation to plasma cells. CD19 antibody does not react with T lymphocytes, monocytes and granulocytes. CD19 is a critical signal transduction molecule that regulates B lymphocyte development, activation and differentiation. This clone is cross reactive with non-human primate.

* CD19 is a key phenotyping marker of non-T cell leukemia.

1. Nadler, LM et al. (1983) J. Immunol. 131:244
2. Schlossman,SL et al., eds. (1995) Leucocyte Typing V: White Cell Differentiation Antigens, Oxford University Press, New York.
3. Tedder T. et al. (1994) Immunol Today. 15:437-442

Published Papers

el at., A novel function for fibroblast growth factor 21: stimulation of NADPH oxidase-dependent ROS generation.In Endocrine on 2015 Jun by Wen-fei Wang , Lei Ma et al..PMID:25542183, , (2015)

PMID:25542183

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