## Mouse anti-Human CD19, PE Conjugated mAb

Catalog No: #28073



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

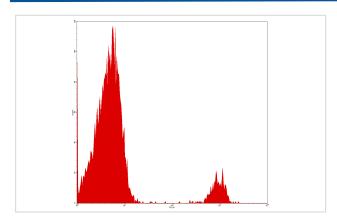
Product Name Mouse anti-Human CD19, PE Conjugated mAb  Host Species Mouse  Clonality Monoclonal  Clone No. COC19  Isotype IgG1  Applications FC  Species Reactivity Hu  Conjugates PE  Target Name CD19  Formulation: Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v)	itibody.com
ClonalityMonoclonalClone No.COC19IsotypeIgG1ApplicationsFCSpecies ReactivityHuConjugatesPETarget NameCD19	
Clone No. COC19 Isotype IgG1 Applications FC Species Reactivity Hu Conjugates PE Target Name CD19	
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Conjugates PE Target Name CD19	
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Formulation Formulation: Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v)	
BSA□Application o′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

Note: This product is for in vitro research use only