

A Reliable Research Partner in Life Science and Medicine

APC Anti-Mouse CD19 Antibody[1D3]

Catalog Number: E-AB-F0986UE

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Mouse Host Rat

lsotype Rat lgG2a, κ

Clone No. 1D3

Isotype Control APC Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833E]

Conjugation APC

Conjugation Information APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

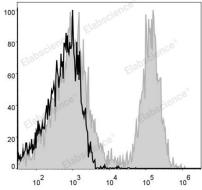
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 μ g/10⁶ cells in 100 μ L volume].

Data



C57BL/6 murine splenocytes are stained with APC Anti-Mouse CD19 Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

Rev. V1.5

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names B-lymphocyte antigen CD19;CD19;Cd19;Differentiation antigen CD19

 Uniprot ID
 P25918

 Gene ID
 12478

For Research Use Only

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Background

CD19 is a 95 kD glycoprotein also known as B4. It is a member of the lg superfamily, expressed on all pro-B to mature B cells (during development) and follicular dendritic cells. Plasma cells do not express CD19. CD19, in association with CD21 and CD81, forms a molecular complex integral to B cell activation.

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