

A Reliable Research Partner in Life Science and Medicine

PE Anti-Mouse CD20 Antibody[SA271G2]

Catalog Number: E-AB-F1403D

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

Description

Reactivity Mouse Host Rat

Isotype Rat IgG2b, κ
Clone No. SA271G2

Isotype Control PE Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842D]

Conjugation PE

Conjugation Information PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green

(561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42

nm bandpass filter).

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

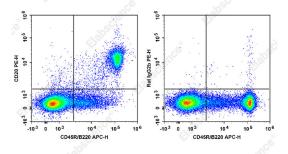
Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Data



Staining of C57BL/6 murine splenocytes cells with APC Anti-Mouse CD45R/B220 Antibody and PE Anti-Mouse CD20 Antibody[SA271G2] (left) or PE Rat IgG2b;κ Isotype Control (right). Total viable cells were used for analysis.

Preparation & Storage

Storage Keep as concentrated solution.

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

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

 Uniprot ID
 P19437

 Gene ID
 12482

For Research Use Only

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Background

CD20 is a 33-37 kD protein, a member of the MS4A family, with four transmembrane spanning regions that present as a homo-oligomeric complexes in the cell surface when associating with MHC class I and II, CD53, CD81, and CD82. CD20 is expressed on B cells and a subset of T cells, but not on plasma cells. CD20 regulates B-cell activation and proliferation. Its ligation promotes transmembrane Ca2+ trafficking. CD20 is an important therapeutic target in the treatment of B cell lymphomas and leukemias.

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