

Technical Data Sheet

PE Anti-Human CD19

Catalog Number: 108407, 108408

Size: 25 tests, 100 tests

Target Name: CD19, B4, CVID3, MGC12802

Regulatory Status: RUO

Product Details

Clone: SJ25C1

Application: FC

Reactivity: Human

Format: PE

Isotype: Mouse IgG1

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA

Protein Concentration: Supplied at a lot-specific concentration.

Storage and Handling: The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.

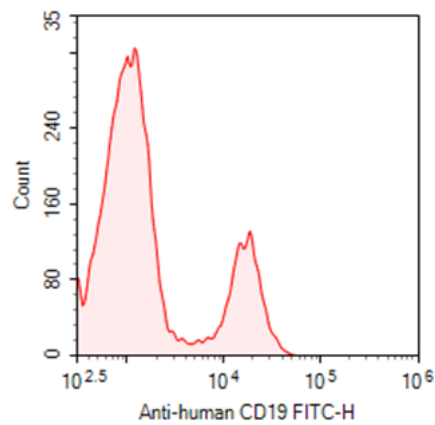
Recommended Usage: For flow cytometric staining, it is recommended to use 5 µL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.

Excitation Laser: Blue Laser (488 nm) Green/Yellow laser (532/561nm)

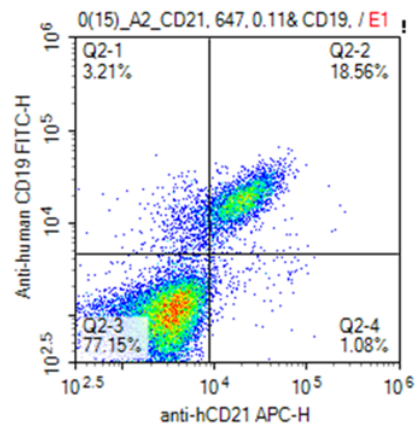
Background Information

CD19 is a 95 kD type I transmembrane glycoprotein also known as B4. It is a member of the immunoglobulin superfamily expressed on B-cells (from pro-B to blastoid B cells, absent on plasma cells) and follicular dendritic cells. CD19 is involved in B cell development, activation, and differentiation. CD19 forms a complex with CD21 (CR2) and CD81 (TAPA-1), and functions as a BCR co-receptor.

Product Data



Human peripheral blood lymphocytes stained either with iF488 anti-human CD19 clone SJ25C1 (red histogram).



Human peripheral blood lymphocytes stained with iF488 anti-human CD19 clone SJ25C1 (Y axis) and iF647 anti-human CD21 clone THB5 (X axis).