

Technical Data Sheet

Anti-Human CD19

Catalog Number: 108401, 108402
Size: 100 ug, 500 ug
Target Name: CD19, B4, CVID3, MGC12802
Regulatory Status: RUO

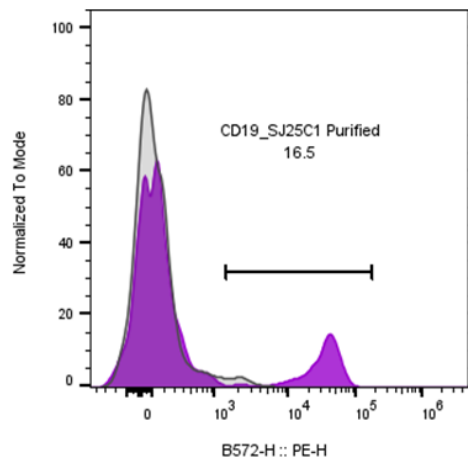
Product Details

Clone: SJ25C1
Application: FC
Reactivity: Human
Format: Purified
Isotype: Mouse IgG1
Antibody Type: Monoclonal
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Protein Concentration: 0.5 mg/mL
Storage and Handling: The antibody solution should be stored between 2°C and 8°C
Recommended Usage: For flow cytometric staining, it is recommended to use less than 0.2 ug 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

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 purified anti-human CD19 clone SJ25C1 (purple histogram) or an isotype control (gray histogram), followed by PE anti-mouse IgG 2nd antibody.