RF647 Mouse Anti-Human CD19

Purified RF647-conjugated Recombinant Mouse Monoclonal Antibody

Catalog # F100616

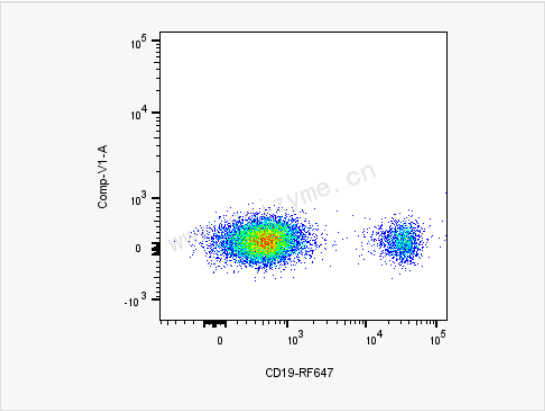
Product Information

Application	FC
Recommended Usage	5 µL per million cells in 100 µL staining volume or 5 µL per 100 µL of whole blood.
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone No.	66E25M53
Isotype	IgG1, κ
Label	RF647 (Ex/Em: 650/671 nm)
Immunogen	Recombinant protein of human CD19
Format	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA.
Storage	Shipped on wet ice. Store undiluted between 2°C and 8°C and protected from prolonged exposure to light. Do not freeze.
Precautions	RF647 Mouse Anti-Human CD19 [66E25M53] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Antibody deficiency due to defect in CD19, Antibody deficiency due to defect in CD19, included, AW495831, B lymphocyte antigen CD19, B lymphocyte surface antigen B4, B-lymphocyte antigen CD19, B-lymphocyte surface antigen B4, B4, CD19, CD19 antigen, CD19 molecule, Cd19 protein, CD19_HUMAN, CVID3, Differentiation antigen CD19, Leu 12, Leu-12, Leu12, MGC109570, MGC12802, T-cell surface antigen Leu-12.
Uniprot ID	P15391
Gene ID	930
Background	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.
Cellular Location	Membrane.

Validation Images



Typical flow-cytometry plots of human peripheral-blood lymphocytes stained with Anti-CD19-RF647 (F100616).