Anti-CD19 [SJ25C1] Bulk Size Ab02243-10.0-BT

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Kappa

Clone Number: SJ25C1

Alternative Name(s) of Target: B-lymphocyte antigen CD19; B-lymphocyte surface antigen B4; Differentiation antigen CD19; T-cell surface antigen Leu-12

UniProt Accession Number of Target Protein: P15391

Published Application(s): FC

Published Species Reactivity: Human

Immunogen: The original antibody was generated from BALB/c mice immunized with NALM1 and NALM16 cells.

Specificity: This antibody binds human CD19.

Application Notes: This antibody is recommended for surface phenotyping of various cells using flow cytometry (PMID: 10626673, 10933928, 10358151, 9454750). The scFv version of this antibody FVS192 bound CD19 antigen in flow cytometric assays (PMID: 7538901). This antibody was also used in the study of diminished expression of CD19 in B-Cell Lymphomas using flow cytometry (PMID: 15624204).

Antibody First Published in: Bejcek et al. Development and characterization of three recombinant single chain antibody fragments (scFvs) directed against the CD19 antigen. Cancer Res. (1995); 55(11):2346-51. PMID:7538901

Note on publication: Describes the generation of the scFv version of the antibody FVS192.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4⁰C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20⁰C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.