# Anti-CD19 [SJ25C1] Standard Size Ab02243-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

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, Fc Silent™, 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:** 200 µg Purified antibody.
**Purification:** Protein A affinity purified
**Supplied In:** PBS with 0.02% Proclin 300.
**Storage Recommendation:** Store at 4ºC for up to 3 months. For longer storage, aliquot and store at -

20ºC.

**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.