

# Bulk Anti-Human CD19 (SJ25-C1) Antibody

Bulk anti-human CD19 antibody (SJ25-C1)

## Product Benefits:

ichorbio's bulk anti-human CD19 antibody (SJ25-C1) is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 facility. ichorbio's low endotoxin antibodies have half the endotoxin of comparable antibodies from [Bio X Cell](#) at less than 1.0 EU/mg. If ichorbio's low endotoxin antibodies are not low enough we also offer ultra low endotoxin antibodies which have even less endotoxin (0.5EU/mg) at an even higher purity (98% versus 95%). ichorbio: the best antibodies for *in vivo* research.

## Target:

CD19

## Clone:

SJ25-C1

## Isotype:

Mouse IgG1

## Other Names:

B-lymphocyte antigen CD19, B-lymphocyte surface antigen B4, Differentiation antigen CD19, T-cell surface antigen Leu-12,

## Uniprot:

[P15391](#)

## Host:

Mouse

## Species Reactivity:

Human

## Specificity:

Bulk anti-human CD19 antibody (SJ25-C1) recognizes an epitope on Human CD19

## Purification Method:

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

**Antigen Distribution:**

Anti-Human CD19 recognizes a (Mr 90 kDa) B-cell surface glycoprotein which is present at all stages of maturation. Anti-CD19 does not react with T-cells, granulocytes, monocytes, erythrocytes or platelets. The CD19 antigen is expressed on approximately 5-25% of human peripheral blood lymphocytes and approximately 60% of splenic lymphocytes.

**Immunogen:**

NALM1 + NALM16 cells

**Concentration:**

? 2.0 mg/ml

**Formulation:**

0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free.

**Purity:**

>95% by SDS-PAGE and HPLC

>98% by SDS-PAGE and HPLC

**Endotoxin:**

0.5 EU/mg as determined by the LAL method

? 0.75 EU/mg as determined by the LAL method

**Aggregation:**

Aggregation level ? 5%

Aggregation level ? 1%

**Storage:**

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at – 20°C or -80°C. Avoid repeated freeze thaw cycles.

**Applications:**

Flow Cytometry

**Application Notes:**

Each investigator should determine their own optimal working dilution for specific applications.

**Use:**

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## **Isotype Control:**

[Mouse IgG1 Isotype Control for In Vivo - Low Endotoxin \[HKSP\] \(ICH2247\)](#)

## **Antibodies against the same target:**

[Anti-CD19 In Vivo Antibody - Low Endotoxin \[1D3\] \(ICH1052\)](#), [Anti-CD19 In Vivo Antibody - Ultra Low Endotoxin \[1D3\] \(ICH1052UL\)](#)