

Bulk Anti-Human CD19 (SJ25-C1) Antibody

Product Code: ICH1011

Bulk anti-human CD19 antibody (SJ25-C1)

Product Specific Citations:

[Gambles, MT et al. Two-component T-cell immunotherapy enables antigen pre-targeting to reduce cytokine release without forfeiting efficacy, *Nanomedicine: Nanotechnology, Biology and Medicine*, Volume 67, 2025, 102825.](#)

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:

Products are for research use only.

Isotype Control:

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[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 \[1D3\] \(ICH1052UL\)](#)