

Recombinant Anti-human CD19 Monoclonal Antibody, Mouse IgG1 Kappa (Clone SJ25C1)

Catalog No.: PA007270.m1

Background

Clone SJ25C1 binds to the human CD19 protein, a type I membrane glycoprotein expressed on B cells. CD19 plays a crucial role in B cell signaling, acting as a coreceptor that enhances the sensitivity of the B cell receptor (BCR). Anti-CD19 antibodies bind to CD19 on B cells, leading to B cell lysis or other mechanisms like T-cell engagement.

Isotype: Mouse IgG1 kappa.

Source: The recombinant anti-human CD19 monoclonal antibody (clone SJ25C1), mouse IgG1, is a recombinant monoclonal antibody produced in mammalian cells.

Specificity/Sensitivity: The in vivo grade recombinant anti-human CD19 monoclonal antibody (clone: SJ25C1), mouse IgG1, specifically binds to the human CD19 protein.

Applications: ELISA, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways affected by the human CD19 protein.

Form of Antibody: 0.2 uM filtered solution (8.2 mg/ml) in 1 x PBS, pH 7.4, no stabilizers or preservatives.

Purity: >95% by SDS-PAGE under reducing conditions.

Endotoxin Level: Less than 1 EU/mg of the protein as determined by the LAL method.

Shipping: The product is shipped with ice pack. Upon receipt, store it immediately at the temperature recommended below.

Stability & storage:

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

1 month from date of receipt if stored at 2°C to 8°C as supplied.

12 months from date of receipt if stored at -20°C to -70°C as supplied.

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<https://www.duozhaozhao.com/anti-human-cd19-antibody-pa007270-m1/>