

Bulk anti-Human CD19 (4G7) Antibody

Product Code: ICH1237

More Information

Species Reactivity: Human

Target: CD19

Concentration: ≤ 2.0 mg/ml

Isotype: Mouse IgG1 Kappa

Host: Mouse

product name H2: Bulk anti-Human CD19 (4G7) Antibody

Aggregation: Aggregation level $\leq 5\%$

Immunogen: Human Chronic Lymphocytic Leukemia (CLL) cells

Buffer: ICH3002-100ml

UniProt: P15391;P15391;P25918;P51677

Shipping Conditions: Blue ice

background: CD19 is a B-cell co-receptor that amplifies B-cell receptor signalling and serves as a defining marker across B-lymphocyte development and a key antigen in CAR research. Clone 4G7 is a mouse IgG1 kappa monoclonal antibody recognising human CD19, validated for functional assays, flow cytometry, immunofluorescence, and CAR applications. Anti-CD19 4G7 is supplied in a low-endotoxin format suitable for in vivo use and manufactured in scalable milligram to gram quantities for bulk and high-throughput laboratories. As a research-use-only, non-therapeutic reagent, it delivers reproducible, lot-consistent results for human B-cell biology and CAR development.

clone: 4G7

Purification Method: This monoclonal antibody was purified using Protein A



Formulation: This antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added.

Purity: >95% by SDS-PAGE and HPLC

Endotoxin: ≤ 1.0 EU/mg as determined by the LAL method

Storage: This low endotoxin antibody is stable when stored at 2-8°C for at least four (4) weeks. For long-term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications: Functional Assays, Flow Cytometry, Immunofluorescence, CARs

Use: Products are for research use only. Not for use in diagnostic or therapeutic procedures.