

Anti-Human CD19 Mouse Monoclonal Antibody

Catalog	Unit
TBS10203-0.5	0.5 mg
TBS10203-1	1 mg
TBS10203-5	5 mg
TBS10203-25	25 mg

Product Details

Description: CD19 is a 95 kDa transmembrane glycoprotein of the immunoglobulin superfamily, specifically expressed on B cells. It serves as a key cell surface antigen for B cell identification and is present throughout B cell development, from early stages in the bone marrow to mature B cells in peripheral blood. CD19 is a critical target in CAR T cell therapies for B cell malignancies, including chronic lymphocytic leukemia (CLL) and B cell non-Hodgkin lymphoma (NHL). CAR T cells designed to target CD19 have demonstrated significant clinical efficacy in treating these conditions.

Alternative names: B4; B-lymphocyte antigen CD19; B-lymphocyte surface antigen B4; CD19 antigen; CD19 molecule; CD19; CVID3; Differentiation antigen CD19; Leu-12; MGC12802; T-cell surface antigen Leu-12; Cluster of Differentiation 19

Applications:

- Flow cytometry
- Functional assays
- Immunofluorescence
- Chimeric antigen receptor construction

Molecular Weight: 150 kDa

Host: Mouse

Isotype: Mouse IgG1

Concentration: 4 mg/ml

Purity: >95%

Formulation: PBS, pH 7.0, no stabilizers or preservatives.

Endotoxin: < 2EU/mg

Clonality: Monoclonal

Sterility: 0.2 µm filtered

Storage: Store at 4°C for one month. Store at -20°C for long-term storage.

For research use only.