

## Anti-Mouse CD19 Rat Monoclonal Antibody

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Catalog	Unit
TBS10208-0.5	0.5 mg
TBS10208-1	1 mg
TBS10208-5	5 mg
TBS10208-25	25 mg

### Product Details

**Description:** CD19 is a type I transmembrane glycoprotein belonging to the immunoglobulin superfamily, expressed on various stages of B cell development including early pro-B cells, late pro-B cells, memory B cells, plasmablasts, and some plasma cells. Aberrant CD19 signaling is linked to B cell malignancies, autoimmunity, and immunodeficiency. CD19 is also a target for chimeric antigen receptor (CAR) T cell therapies used in treating B cell malignancies.

**Alternative names:** B-lymphocyte antigen CD19; Cluster of Differentiation 19; B-Lymphocyte Surface Antigen B4; T-Cell Surface Antigen Leu-12; CVID3; B4; CD19 antigen; CD19 molecule; CD19; Differentiation antigen CD19; Leu-12; MGC12802

### **Applications:**

- In vivo B cell depletion
- In vivo CD19 neutralization
- In vitro B cell negative selection
- Flow cytometry

**Molecular Weight:** 150 kDa

**Host:** Rat

**Isotype:** Rat IgG2a Kappa

**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.**