

Anti-Mouse CD4 Rat Monoclonal Antibody

Catalog	Unit
TBS10200-0.5	0.5 mg
TBS10200-1	1 mg
TBS10200-5	5 mg
TBS10200-25	25 mg

Product Details

Description: CD4 antigen is a 55 kDa, cell surface, type I membrane glycoprotein that belongs to the immunoglobulin superfamily. CD4 plays a crucial role in T cell development and is essential for the optimal function of mature T cells. It is expressed in most thymocytes, the majority of helper T cells, a subset of NK-T cells, dendritic cells, neutrophils, and macrophages. CD4 also acts as a receptor for the HIV-1 envelope glycoprotein gp120, facilitating viral entry into the host cell.

Alternative names: CD4 antigen; CD4 molecule; CD4 receptor; CD4; CD4mut; T-cell surface antigen T4/Leu-3; T-cell surface glycoprotein CD4

Applications:

- In vivo CD4+ T cell depletion
- Flow cytometry
- Western blot

Molecular Weight: 150 kDa

Immunogen: Mouse CTL clone V4

Host: Rat

Isotype: Rat IgG2b, kappa

Concentration: 4 mg/ml

Purity: >95%

Formulation: PBS, pH 6.5, 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.