

Anti-Human CD4 Mouse Monoclonal Antibody

Catalog	Unit
TBS10249-50	50 µg
TBS10249-100	100 µg
TBS10249-200	200 µg

Product Details

Description: CD4 is a 55 kDa single-chain type I transmembrane glycoprotein and a member of the immunoglobulin superfamily. It is primarily expressed on the surface of helper T cells (CD4+ T cells), as well as on monocytes, macrophages, dendritic cells, and most thymocytes. Due to its central role in immune system signaling and its involvement in HIV infection, CD4 is a critical molecule in both immunology and infectious disease research.

Alternative names: T4; cluster of differentiation 4; leu-3

Applications:

- Flow cytometry (FC)
- Immunohistochemistry (IHC)

Specificity: The recombinant antibody specifically binds to human CD4.

Host: Mouse

Isotype: Mouse IgG2b kappa

Concentration: 0.5 mg/mL

Purity: 95%

Conjugate: Non-conjugated.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Clonality: Monoclonal

Sterility: 0.2 µm filtered

Storage: 4°C stable for up to 12 months.

For research use only.