

Anti-Human CD28 Mouse Monoclonal Antibody

Catalog	Unit
TBS10239-50	50 µg
TBS10239-100	100 µg
TBS10239-200	200 µg

Product Details

Description: CD28 is a 44 kDa disulfide-linked homodimeric type I glycoprotein and a member of the immunoglobulin superfamily. CD28 is expressed on most T lineage cells, as well as on subsets of natural killer (NK) cells and plasma cells. Its primary function is to provide a necessary second signal for T cell activation, alongside the T cell receptor (TCR) engagement with antigen-presenting cells (APCs). This co-stimulation is essential for full T cell activation, proliferation, and survival.

Alternative names: T-cell-specific surface glycoprotein CD28; TP44; Tp44

Applications:

- Flow cytometry (FC)
- Immunohistochemistry (IHC)

Specificity: The recombinant antibody specifically binds to human CD28.

Host: Mouse

Isotype: Mouse IgG1 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.