

Anti-Human CD3 Mouse Monoclonal Antibody

Catalog	Unit
TBS10223-0.5	0.5 mg
TBS10223-1	1 mg
TBS10223-5	5 mg
TBS10223-25	25 mg

Product Details

Description: CD3 is a 20 kDa transmembrane cell-surface protein that belongs to the immunoglobulin superfamily. It is a part of the T cell receptor (TCR) complex, which is crucial for T cell development and activation. CD3 is expressed on T lymphocytes, NK-T cells, and, to varying degrees, on developing thymocytes.

Alternative names: cluster of differentiation 3; CD3D; CD3E; CD3G

Applications:

- in vitro T cell stimulation/activation
- in vivo T cell depletion in humanized mice
- ex vivo T cell inhibition for xenografts
- Flow cytometry

Molecular Weight: 150 kDa

Host: Mouse

Isotype: Mouse 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: 4°C stable for up to one month. Store at -20°C for long-term.

For research use only.