

Anti-Human CD56 Mouse Monoclonal Antibody

Catalog	Unit
TBS10246-50	50 µg
TBS10246-100	100 µg
TBS10246-200	200 µg

Product Details

Description: CD56 is a single-pass transmembrane glycoprotein belonging to the immunoglobulin superfamily. It is prominently expressed on natural killer (NK) cells, as well as on certain T cells, dendritic cells, monocytes, and various neural and muscle tissues. In the nervous system, CD56 plays a critical role in cell adhesion, axon guidance, and synaptic plasticity, contributing to learning and memory. In the immune system, it facilitates NK cell migration, polarization, and cytotoxic function, and its expression is used to distinguish NK cell subsets with distinct functional profiles.

Alternative names: Neural Cell Adhesion Molecule; NCAM; MSK39; neural cell adhesion molecule 1; NCAM1; Leu-19; NKH1

Applications:

- Flow cytometry (FC)
- Immunohistochemistry (IHC)

Specificity: The recombinant antibody specifically binds to human CD56.

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.