

Anti-Human CD47 Mouse Monoclonal Antibody

Catalog	Unit
TBS10242-50	50 µg
TBS10242-100	100 µg
TBS10242-200	200 µg

Product Details

Description: CD47 is a widely expressed transmembrane protein belonging to the immunoglobulin superfamily. It is found on various hematopoietic cells—including T cells, B cells, monocytes, platelets, and erythrocytes—as well as on non-hematopoietic cells such as epithelial, endothelial, fibroblast, and neural cells. Additionally, CD47 is a component of the Rh complex on red blood cells and is essential for proper immune regulation and host defense, making it a significant target in immunotherapy and diagnostic research.

Alternative names: CD47; CD47 antigen; CD47 molecule; CD47 glycoprotein; Integrin associated protein; Integrin-associated protein; Leukocyte surface antigen CD47; MER6; Protein MER6; Rh-related antigen; OA3; IAP; Rh-associated protein; gp42; neurophilin

Applications:

- Flow cytometry (FC)
- Immunohistochemistry (IHC)

Specificity: The recombinant antibody specifically binds to human CD47.

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.