

Anti-Human CD32 Mouse Monoclonal Antibody

| Catalog | Unit |
|--------------|--------|
| TBS10244-50 | 50 µg |
| TBS10244-100 | 100 µg |
| TBS10244-200 | 200 µg |

Product Details

Description: CD32 is a 40 kDa transmembrane glycoprotein within the immunoglobulin superfamily, expressed on various immune cells including monocytes/macrophages, granulocytes, platelets, and B cells. CD32 functions as a low-affinity receptor for the Fc region of IgG antibodies, facilitating processes such as phagocytosis, oxidative burst in granulocytes, platelet aggregation, and immunomodulation. Dysregulation of CD32 is implicated in various autoimmune diseases, highlighting its significance in both innate and adaptive immune responses.

Alternative names: Fc gamma receptor II; FcγRII; cluster of differentiation 32; Fc gamma RIIA and Fc gamma RII B; FCR II

Applications:

- Flow cytometry (FC)
- Immunohistochemistry (IHC)

Specificity: The recombinant antibody specifically binds to human CD32.

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.