

## Anti-Human CD34 Mouse Monoclonal Antibody

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Catalog	Unit
TBS10240-50	50 µg
TBS10240-100	100 µg
TBS10240-200	200 µg

### Product Details

**Description:** CD34 is a transmembrane glycoprotein, with a molecular weight of approximately 105–120 kDa. It is a type I sialomucin-like glycoprophosphoprotein primarily expressed on hematopoietic stem and progenitor cells, as well as on endothelial cells, bone marrow stromal cells, embryonic fibroblasts, and certain nervous tissue cells. CD34 is a pivotal molecule in hematopoiesis, cell adhesion, and tissue regeneration, with significant implications for both basic biology and clinical therapies.

**Alternative names:** CD34; CD34 antigen; CD34 molecule; Gp105-120; My10

#### **Applications:**

- Flow cytometry (FC)
- Immunohistochemistry (IHC)

**Specificity:** The recombinant antibody specifically binds to human CD34.

**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.**