CD34 Polyclonal Antibody

Catalog Number: E-AB-70337



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human, Mouse, Rat

Immunogen Recombinant protein corresponding to Mouse CD34

Host Rabbit
Isotype IgG

Purification Affinity purification

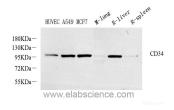
Conjugation Unconjugated

Formulation PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB 1:500-1:2000

Data



Western Blot analysis of various samples using CD34 Polyclonal Antibody at dilution of 1:800.

Observed Mw:105-120kDa Calculated Mw:41kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

CD34 is a surface glycophosphoprotein expressed on developmentally early lymphohematopoietic stem and progenitor cells with a molecular weight of about 105-120 kD. It is selectively expressed on the majority of hematopoietic stem/progenitor cells,bone marrow stromal cells,capillary endothelial cells,embryonic fibroblasts,and some nerve tissue. CD34 is a commonly used marker for identifying human hematopoietic stem/progenitor cells and mediates cell adhesion and lymphocyte homing by binding L-selectin and E-selectin ligands. CD34 is also one of the best negative selection markers for characterizing and/or isolating human MSCs from bone marrow and other sources. Along with other positive selection markers (such as CD29,CD44,CD90,CD105 and CD166),negative selection markers (such as CD34 and CD45) are used for MSC identification.

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