



SunLong Biotech Co.,LTD

Tel: 0086-571- 56623320 Fax:0086-571- 56623318

E-mail:sales@sunlongbiotech.com

www.sunlongbiotech.com

Rabbit Anti-CD34/HRP

Catalog Number: SL8996R-HRP

Quantity size:100ul

Concentration: 1mg/ml Buffer = 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Background:

The highly glycosylated 75-120 kD antigen CD34 is possibly an adhesion molecule with a putative role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. It could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow components. CD34 is thought to have a role in presenting carbohydrate ligands to selectins. The intracellular chain of the CD34 antigen is a site of phosphorylation by activated protein kinase C, suggesting a putative role in signal transduction. Two isoforms of CD34 have been reported to be generated by alternative splicing. CD34 is highly expressed on hematopoietic progenitors, as well as on endothelial cells, brain, and testis. Staining for CD34 has been used to measure angiogenesis, which reportedly predicts tumor recurrence.

Also known as:CD34 antigen; CD34 molecule; Cluster designation 34; Hematopoietic progenitor cell antigen CD34; HPCA1; CD34_HUMAN.

Specificity:●Rabbit Polyclonal IgG, affinity purified by Protein A.

●Reacts with:Human, Mouse (predicted:Pig, Cow, Horse, Sheep)

- Immunogen: KLH conjugated synthetic peptide derived from human CD34.
- Predicted Molecular Weight: 39kDa.

Storage:0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Application:

WB=1:500-2000 ELISA=1:100-1000 IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

Not yet tested in other applications.

Optimal working dilutions must be determined by the end user.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.