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CD34 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP20932c

Specification

CD34 Blocking Peptide (C-term) - Product Information

Primary Accession	P28906
Other Accession	Q64314

CD34 Blocking Peptide (C-term) - Additional Information

Gene ID 947

Other Names
Hematopoietic progenitor cell antigen CD34, CD34, CD34

Target/Specificity
The synthetic peptide sequence is selected from aa 320-334 of HUMAN CD34

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CD34 Blocking Peptide (C-term) - Protein Information

Name CD34

Function
Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. 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. Presents carbohydrate ligands to selectins.

Cellular Location
Membrane; Single-pass type I membrane protein.

Tissue Location
Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues

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CD34 Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

CD34 Blocking Peptide (C-term) - Images

CD34 Blocking Peptide (C-term) - Background

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CD34 Blocking Peptide (C-term) - References

Simmons D.L.,et al.J. Immunol. 148:267-271(1992).
Satterthwaite A.B.,et al.Genomics 12:788-794(1992).
Nakamura Y.,et al.Exp. Hematol. 21:236-242(1993).
Freund D.,et al.Submitted (JUN-2002) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).