

**CD34 Blocking Peptide (C-term)**  
**Synthetic peptide**  
**Catalog # BP20932c****Specification**

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**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

## **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).  
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Ota T.,et al.Nat. Genet. 36:40-45(2004).