

**Phospho-CD34(Y330) Antibody Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP3600a****Specification****Phospho-CD34(Y330) Antibody Blocking peptide - Product Information**Primary Accession [P28906](#)**Phospho-CD34(Y330) Antibody Blocking peptide - Additional Information**

Gene ID 947

**Other Names**Hematopoietic progenitor cell antigen  
CD34, CD34, CD34**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP3600a](/products/AP3600a) was selected from the region of human Phospho-CD34-pY330. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**Phospho-CD34(Y330) Antibody Blocking peptide - Protein Information**

Name CD34

**Function****Phospho-CD34(Y330) Antibody Blocking peptide - Background**

CD34 is a monomeric cell surface antigen with a molecular mass of approximately 110 kD that is selectively expressed on human hematopoietic progenitor cells.

**Phospho-CD34(Y330) Antibody Blocking peptide - References**

Simmons D.L., J. Immunol.  
148:267-271(1992) Satterthwaite A.B.,  
Genomics 12:788-794(1992)

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

**Phospho-CD34(Y330) Antibody Blocking peptide - Protocols**

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

- [Blocking Peptides](#)