

Phospho-CD34(Y330) Antibody Blocking peptide
Synthetic peptide
Catalog # BP3600a**Specification**

Phospho-CD34(Y330) Antibody Blocking peptide - Product InformationPrimary 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**

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](#)

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