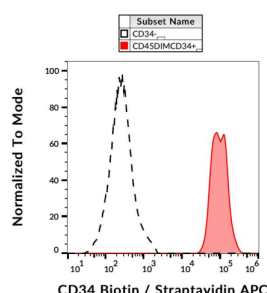


# Hematopoietic Progenitor Cell Antigen CD34 (CD34) Antibody (Biotin)

Catalogue No.: abx139251



Surface staining of CD34+ cells in human peripheral blood with CD34 Antibody (Biotin) / streptavidin-APC.

CD34 Antibody is a Mouse Monoclonal against CD34.

|                               |                                                                                                                     |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Target:</b>                | Hematopoietic Progenitor Cell Antigen CD34 (CD34)                                                                   |
| <b>Clonality:</b>             | Monoclonal                                                                                                          |
| <b>Clone:</b>                 | E334                                                                                                                |
| <b>Reactivity:</b>            | Human                                                                                                               |
| <b>Tested Applications:</b>   | WB, IHC, IF/ICC, FCM                                                                                                |
| <b>Host:</b>                  | Mouse                                                                                                               |
| <b>Recommended dilutions:</b> | Validated in IHC-P and ICC. Optimal dilutions/concentrations should be determined by the end user.                  |
| <b>Conjugation:</b>           | Biotin                                                                                                              |
| <b>Immunogen:</b>             | Permanent Human cell line derived from peripheral leucocytes of a patient suffering from chronic myeloid leukaemia. |
| <b>Isotype:</b>               | IgG <sub>1</sub>                                                                                                    |
| <b>Storage:</b>               | Store at 2-8°C. Do not freeze.                                                                                      |
| <b>UniProt Primary AC:</b>    | P28906 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                         |
| <b>Gene Symbol:</b>           | CD34                                                                                                                |
| <b>GeneID:</b>                | <a href="#">947</a>                                                                                                 |
| <b>KEGG:</b>                  | hsa:947                                                                                                             |

# Datasheet

Version: 2.0.0

Revision date: 07 Sep 2025



**String:** [9606.ENSPO0000310036](#)

**Buffer:** PBS solution with 15 mM sodium azide.

**Specificity:** The antibody reacts with Class III epitope on CD34 (Mucosialin), a 110-115 kDa monomeric transmembrane phosphoglycoprotein expressed on hematopoietic progenitors cells and on the most pluripotential stem cells; it is gradually lost on progenitor cells. The antibody 4H11[APG] completely blocks binding of Class II antibody QBEnd10 and Class III antibodies BIRMA K3 and 8G12 on KG1a cell line.

**Concentration:** 1 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only