



# CD34 Rabbit mAb

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| <b>Catalog No</b>                | YP-Ab-17715                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Name</b>                 | CD34                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Alternative Names</b>         | CD34; Hematopoietic progenitor cell antigen CD34; CD antigen CD34                                                                                                                                                                                                                                                                                                                               |
| <b>Research Field</b>            | Neuroscience                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Product Categories</b>        | Primary antibody                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Host</b>                      | Rabbit                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Reactivity</b>                | Human, Mouse, Rat, Dog                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Application</b>               | WB, IHC-P, ICC/IF, IP, FC                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Dilution Ratio</b>            | WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/50 FC: 1/50-1/100                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Weight</b>          | Calculated MW: 41 kDa                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Clonality</b>                 | Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Clonality No.</b>             | R02-5E6                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen</b>                 | A synthesized peptide derived from human CD34                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purification</b>              | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Conjugation</b>               | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Modification</b>              | Unmodified                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>                      | Liquid                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Buffer System</b>             | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>                   | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                                                        |
| <b>Background</b>                | 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. |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                            |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**