

## Anti-CD34 [5B12] Standard Size Ab00422-1.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

**Isotype and Format:** Mouse IgG1, Fc Silent™, Kappa

**Clone Number:** 5B12

**Alternative Name(s) of Target:** Hematopoietic Progenitor Cell Antigen

**UniProt Accession Number of Target Protein:** P28906

**Published Application(s):** ELISA

**Published Species Reactivity:** Human

**Immunogen:** Human CD34.

**Specificity:** This antibody binds specifically to human CD34.

**Application Notes:** This antibody binds to human CD34, which mediates the attachment of stem cells to the bone marrow or the extracellular matrix.

**Antibody First Published in:** Qian et al. Development of new versions of anti-human CD34 monoclonal antibodies with potentially reduced immunogenicity. Biochemical and biophysical Research Community 2008; 367(2):497-502 [PMID:18190781](#)

**Note on publication:** Describes the generation of several mouse monoclonals against human different CD34 epitopes.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.