

## Anti-CD34 [QBEND/10] Standard Size Ab00974-10.3

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

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

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

**Clone Number:** QBEND/10

**Alternative Name(s) of Target:** Hematopoietic progenitor antigen; Hematopoietic progenitor cell antigen CD34; QBEND-10; QB END/10; QBEN10

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

**Published Application(s):** IP, WB, IHC

**Published Species Reactivity:** Human

**Immunogen:** The antibody was raised against CD34 in human placental endothelial cells.

**Specificity:** The antibody has strict specificity against CD34.

**Application Notes:** The antibody has been reported to function in immunoprecipitation and Western blotting. It has been used to stain spindle cells in nodular Kaposi's sarcoma formalin-fixed material. It has been used to follow endothelial cell coverage following infection with an adenovirus encoding dn-N-cadherin (Hulin-Curtis et al, 2017).

**Antibody First Published in:** Watt SM et al. Distribution and epitope analysis of the cell membrane glycoprotein (HPCA-1) associated with human haemopoietic cells Leukaemia 1987 (1) 417-426 [PMID:](#)

**Note on publication:** Describes the generation and characterisation of antibodies against CD38.

## 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.