

## Datasheet

### CD34 recombinant monoclonal antibody, clone HPCA1/1806R

**Catalog Number:** RAB00371

**Regulation Status:** For research use only (RUO)

**Product Description:** Recombinant rabbit monoclonal antibody raised against human CD34.

**Clone Name:** HPCA1/1806R

**Immunogen:** Original antibody is raised against recombinant protein corresponding to full length human CD34.

**Theoretical MW (kDa):** 90-110

**Reactivity:** Human

**Applications:** Flow Cyt, IF, IHC-P, WB  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Protein A/G purification

**Isotype:** IgG, kappa

**Recommend Usage:** Flow Cytometry (0.5-1 ug/10<sup>6</sup> cells)

Immunofluorescence (0.5-1 ug/mL)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2-4 ug/mL)

Western Blotting (0.5-1 ug/mL)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In 10 mM PBS (0.05% BSA, 0.05% sodium azide).

**Storage Instruction:** Store at 4°C.

**Entrez GeneID:** 947

**Gene Symbol:** CD34

**Gene Alias:** -

**Gene Summary:** CD34 is a monomeric cell surface antigen with a molecular mass of approximately 110 kD that is selectively expressed on human hematopoietic progenitor cells.[supplied by OMIM]

**References:**

1. The adapter protein CrkL associates with CD34. Felschow DM, McVeigh ML, Hoehn GT, Civin CI, Fackler MJ. Blood. 2001 Jun 15;97(12):3768-75.
2. Reversible expression of CD34 by murine hematopoietic stem cells. Sato T, Laver JH, Ogawa M. Blood. 1999 Oct 15;94(8):2548-54.