Antibody to **CD34 (Endothelial Cell Marker)**

**Cat. No.** VP-C345

### Product Specifications

**Description**
CD34 mouse monoclonal antibody

**Immunoglobulin class:** IgG1

**Clone:** QBEnd/10

**Immunogen:** Vesicular suspension prepared from perfusate of human term placenta.

**Epitope:** Not determined.

**Presentation:** 1 ml liquid tissue culture supernatant containing 15mM sodium azide.

**Species cross-reactivity:** Human

**Storage Conditions:** Keep unopened vial at 2 - 8 °C for 1 year. Once opened it is recommended that the stock solution be aliquoted and quick frozen and stored at -20 °C. Do not repeatedly freeze/thaw.

**Applications:**

**Immunohistochemistry**

- Paraffin sections: Yes, trypsin digestion may be required.
- Frozen sections: Yes
- Working Dilution*: Frozen sections: 1:50 for 1 hr. at 25 °C.
- Positive Control: Any tissue containing vascular endothelial cells such as skin. Endothelial cell cytoplasmic staining pattern.

**Western blotting:** Not recommended.

* Recommended dilutions using VECTASTAIN® Elite® ABC Kits.

**Functional Aspects:**
CD34 is expressed on lymphoid and myeloid hematopoietic progenitor cells and vascular endothelium. This antibody will help identify CD34 expression on a variety of tissues.

### Selected References


