

Technical Data Sheet

Product	<b>Anti-Hu CD34 Biotin</b>	
Cat. Number/Size	<b>1B-566-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

---

Antigen	CD34
Clone	QBEnd-10
Format	Biotin
Reactivity	Non-human primates, Human
Negative species	Dog, Sheep, Rat, Cow
Application	IHC-P, WB, FC (QC tested), IP, IHC-F
Application details	Flow cytometry: Recommended dilution: 1-5 µg/ml.
Isotype	Mouse IgG1
Specificity	The antibody QBEnd-10 reacts with an extracellular class II epitope on CD34, a 110-115 kDa monomeric transmembrane phosphoglycoprotein expressed on hematopoietic progenitors cells and on the most pluripotential stem cells; it is gradually lost on progenitor cells. This antibody has been also used as an endothelial marker.
Workshop	HLDA V: WS Code BP275, E038, MA065, MR09
Immunogen	Human endothelial vesicles
Entrez Gene ID	947
Gene name	CD34
NCBI Full Gene Name	CD34 molecule
UniProt ID	P28906

---

Concentration	1 mg/ml
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

---

Images and References [www.exbio.cz](http://www.exbio.cz)

---

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at [www.exbio.cz](http://www.exbio.cz). EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.