

Technical Data Sheet

Product	<b>Anti-Hu CD34 Purified Azide Free</b>	
Cat. Number/Size	<b>10-566-C025</b>	<b>0.025 mg</b>
	<b>10-566-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	CD34
Clone	QBEnd-10
Format	Purified Azide Free
Reactivity	Non-human primates, Human
Negative species	Dog, Sheep, Rat, Cow
Application	FC (QC tested), IP, WB, IHC(P), IHC(F), FUNC
Application details	Functional application: The antibody QBEnd-10 induces homotypic adhesion of leukemic cell line. Flow cytometry: Recommended dilution: 5 µg/ml. Immunohistochemistry (paraffin sections): Recommended dilution: 2-8 µg/ml. Western blotting: Recommended dilution: 1-2 µg/ml, positive control: TF-1 cells.
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

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Concentration	1 mg/ml
Preparation	Purified by protein-A affinity chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4
Storage and handling	Store at 2-8°C. Do not freeze.

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

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