



	Technical Data Sheet	
Product	Anti-Hu CD34 Purified Azide Free	
Cat. Number/Size	10-566-C025	0.025 mg
	10-566-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
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	
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.	
Images and References	www.exbio.cz	

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