



	Technical Data Sheet	
Product	Anti-Hu CD135 PE	
Cat. Number/Size	1P-587-T025	25 tests
	1P-587-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD135	
Clone	BV10A4	
Format	PE	
Reactivity	Human	
Negative species	Mouse	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody BV10A4 (BV10) reacts with an extracellular epitope of CD135 (FLT3, FLK2, STK-1), a 130-160 kDa type I transmembrane receptor tyrosine kinase that is involved in early steps of hematopoiesis.	
Other names	FLT3, FLK2, STK1	
Immunogen	BV-173 leukemic cell line	
Entrez Gene ID	2322	
Gene name	FLT3	
NCBI Full Gene Name	fms related tyrosine kinase 3	
UniProt ID	P36888	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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