



	Technical Data Sheet	
Product	Anti-Hu CD117 Pacific Blue™	
Cat. Number/Size	PB-586-T025	25 tests
	PB-586-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD117	
Clone	104D2	
Format	Pacific Blue™	
Reactivity	Non-human primates, Human, Cow	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.	
Excitation laser	violet (405 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody 104D2 detects extracellular part of CD117 / c-Kit protooncogen.	
Other names	c-Kit, PBT, SCFR	
Workshop	HLDA VI: WS Code C-30	
Immunogen	MOLM-1 megakaryocytic cells	
Entrez Gene ID	3815	
Gene name	KIT	
NCBI Full Gene Name	KIT proto-oncogene, receptor tyrosine kinase	
UniProt ID	P10721	
Preparation	Purified antibody is conjugated with Pacific Blue™ NHS ester under optimum conditions and 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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