

Technical Data Sheet

Product	<b>Anti-Hu CD117 Pacific Blue™</b>	
Cat. Number/Size	<b>PB-586-T025</b>	<b>25 tests</b>
	<b>PB-586-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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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 <sup>6</sup> 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 protooncogene.
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

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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.

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

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