



	Technical Data Sheet	
Product	Anti-Hu CD90 PE	
Cat. Number/Size	1P-652-T025	25 tests
	1P-652-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD90	
Clone	5E10	
Format	PE	
Reactivity	Pig, Horse, Human, Non-human primates	
Negative species	Dog	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody 5E10 recognizes CD90/Thy-1, a GPI-anchored cell surface glycoprotein expressed predominantly on thymocytes, hematopoietic stem cells and neurons.	
Other names	Thy-1	
Workshop	HLDA V: WS Code M07, BP222; HLDA VI: WS Code BP28, E046	
Immunogen	HEL erythroleukemia cells	
Entrez Gene ID	7070	
Gene name	THY1	
NCBI Full Gene Name	Thy-1 cell surface antigen	
UniProt ID	P04216	
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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