



	Technical Data Sheet	
Product	Anti-Hu CD90 APC-Cy™7	
Cat. Number/Size	T4-652-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD90	
Clone	5E10	
Format	APC-Cy™7	
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 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	red (633 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 activated tandem dye of allophycocyanin-cyanine 7 (APC-Cy™7) 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	

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at www.exbio.cz. EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.

Cy™ and CyDye™ are registered trademarks of Cytiva.