

Technical Data Sheet

Product	Anti-Hu CD45 PerCP-Cy™5.5	
Cat. Number/Size	T9-222-T025	25 tests
	T9-222-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD45	
Clone	MEM-28	
Format	PerCP-Cy™5.5	
Reactivity	Human	
Negative species	Horse	
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	blue (488 nm)	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-28 reacts with all alternative forms of human CD45 antigen (Leukocyte Common Antigen), a 180-220 kDa single chain type I transmembrane protein expressed at high level on all cells of hematopoietic origin, except erythrocytes and platelets.	
Other names	LCA, Receptor-type tyrosine-protein phosphatase C, Leukocyte common antigen, L-CA, T200, LY5, B220, GP180	
Workshop	HLDA III: WS Code NL 833a	
Immunogen	Human thymocytes and T lymphocytes.	
Preparation	The purified antibody is conjugated with tandem dye PerCP-Cy™5.5 under optimum conditions. The conjugate is purified by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide	
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.	
Images and References	www.exbio.cz	

Unless indicated otherwise, all products are For Research Use Only and not for diagnostic use. In vivo 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. © 2019 EXBIO Praha, a.s. All rights reserved.

Cy™ and CyDye™ are registered trademarks of GE Healthcare.