



	Technical Data Sheet	
Product	Anti-Hu CD70 PE	
Cat. Number/Size	1P-154-T025	25 tests
	1P-154-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD70	
Clone	Ki-24	
Format	PE	
Reactivity	Human	
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 IgG3 kappa	
Specificity	The mouse monoclonal antibody Ki-24 recognizes an extracellular epitope of CD70, an approximately 50 kDa type II transmembrane glycoprotein expressed on activated lymphocytes and some B cell leukemias.	
Other names	CD27L, TNFSF7, CD27 ligand, TNLG8A	
Workshop	HLDA IV: WS Code: A109	
Immunogen	human L428 cell line	
Entrez Gene ID	970	
Gene name	CD70	
NCBI Full Gene Name	CD70 molecule	
UniProt ID	P32970	
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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