



	Technical Data Sheet	
Product	Anti-Hu CD70 FITC	
Cat. Number/Size	1F-154-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD70	
Clone	Ki-24	
Format	FITC	
Reactivity	Human	
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 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 fluorescein isothiocyanate (FITC) 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	

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