



Technical Data Sheet

Product	Anti-Hu CD4 Alexa Fluor® 700	
Cat. Number/Size	A7-359-T025	25 tests
	A7-359-T100	100 tests
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		

Antigen	CD4
Clone	MEM-241
Format	Alexa Fluor® 700
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	red (633 nm)
Isotype	Mouse IgG1 kappa
Specificity	The antibody MEM-241 recognizes an extracellular epitope of CD4 antigen, a 55 kDa transmembrane glycoprotein expressed on a subset of T lymphocytes ("helper" T-cells) and also on monocytes, tissue macrophages and granulocytes.
Other names	T4/Leu-3, L3T4
Workshop	HLDA VIII: WS Code M241
Immunogen	2 N-terminal domains of human CD4 fused to human IgG1 Fc
Entrez Gene ID	920
Gene name	CD4
NCBI Full Gene Name	CD4 molecule
UniProt ID	P01730
Preparation	Purified antibody is conjugated with Alexa Fluor® 700 NHS ester 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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