



	Technical Data Sheet	
Product	<b>Anti-Hu CD4 Biotin</b>	
Cat. Number/Size	<b>1B-359-C025</b>	<b>0.025 mg</b>
	<b>1B-359-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	CD4	
Clone	MEM-241	
Format	Biotin	
Reactivity	Human	
Application	FC (QC tested), WB	
Application details	Flow cytometry: Recommended dilution: 1 µg/ml; positive control: peripheral blood, HPB T cell line. This antibody is excellent antibody for FC application.	
Isotype	Mouse IgG1	
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	
Concentration	1 mg/ml	
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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