



	Technical Data Sheet	
Product	Anti-Hu CD45 Biotin	
Cat. Number/Size	1B-160-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD45	
Clone	2D1	
Format	Biotin	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: Recommended dilution: 1-5 µg/ml	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody 2D1 reacts with an extracellular epitope of 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 from erythrocytes and platelets.	
Other names	LCA, T200, LY5, B220, GP180, TPC	
Workshop	HLDA III	
Immunogen	Human peripheral blood mononuclear cells	
Entrez Gene ID	5788	
Gene name	PTPRC	
NCBI Full Gene Name	protein tyrosine phosphatase receptor type C	
UniProt ID	P08575	
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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