



Technical Data Sheet

Product	Anti-Hu CD45 Purified	
Cat. Number/Size	11-222-C025	0.025 mg
	11-222-C100	0.1 mg
	11-222-M001	1.0 mg
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		
Antigen	CD45	
Clone	MEM-28	
Format	Purified	
Reactivity	Human	
Negative species	Horse	
Application	FC (QC tested), IP, WB, IHC(P), ICC	
Application details	Immunohistochemistry (paraffin sections): No pre-treatment of tissue sections is needed. Immunocytochemistry: Recommended dilution: 10 µg/ml; paraformaldehyde fixation can be used. Western blotting: non-reducing conditions; recommended dilution: 1 µg/ml; 6-7% gel recommended (band around 180-250 kDa). Flow cytometry: Recommended dilution: 1 µg/ml.	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-28 reacts with an extracellular epitope on 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 erythrocytes and platelets.	
Other names	LCA, T200, LY5, B220, GP180, TPC	
Workshop	HLDA III: WS Code NL 833a	
Immunogen	Human thymocytes and T lymphocytes.	
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 by protein-A affinity 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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