



	Technical Data Sheet	
Product	Anti-Hu CD53 Purified	
Cat. Number/Size	11-227-C025	0.025 mg
	11-227-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD53	
Clone	MEM-53	
Format	Purified	
Reactivity	Human	
Application	FC (QC tested), IP, WB, IHC-F	
Application details	Immunohistochemistry (frozen sections): It is suitable for discrimination of lymphomas from other tumors. Flow cytometry: Recommended dilution: 1-5 µg/ml.	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-53 reacts with an extracellular epitope of CD53, a 32-40 kDa tetraspanin family glycoprotein exclusively expressed on leukocytes; it is not present on platelets, red blood cells and non-hematopoietic cells. The antibody MEM-53 reacts also with deglycosylated molecule (molecular weight of the antigen is reduced by 15 kDa using endoglycosidase F).	
Other names	Tetraspanin-25, MOX44, TSPAN25	
Workshop	HLDA IV: WS Code NL 59; HLDA V: WS Code B CD53.5; HLDA V: WS Code BP BP287; HLDA V: WS Code T T-096; HLDA V: WS Code X XB004	
Immunogen	Leukocytes of patient suffering from a LGL-type leukemia.	
Entrez Gene ID	963	
Gene name	CD53	
NCBI Full Gene Name	CD53 molecule	
UniProt ID	P19397	
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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