



	Technical Data Sheet	
Product	<b>Anti-Hu CD43 Purified Low Endotoxin</b>	
Cat. Number/Size	<b>12-220-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	CD43	
Clone	MEM-59	
Format	Purified Low Endotoxin	
Reactivity	Human	
Application	FC (QC tested), IP, WB, IHC-P, FUNC	
Application details	Functional application: The antibody MEM-59 activates T lymphocytes and also induces apoptosis in hemopoietic progenitor cells. Flow cytometry: Recommended dilution: 1-5 µg/ml. Immunohistochemistry (paraffin sections): Positive tissue: spleen, thymus, tonsil; recommended dilution: 10 µg/ml.	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-59 recognizes a neuraminidase-sensitive extracellular epitope on CD43 (Leukosialin), a 95-135 kDa type I transmembrane glycoprotein (mucin-type) which is involved in lymphocyte activation. CD43 is expressed by platelets and at high levels on the surface of all leukocytes; it is negative on resting B lymphocytes and erythrocytes.	
Other names	Leukosialin, Sialophorin, Galactoglycoprotein, GALGP, LSN, SPN, GALGP, GP5	
Workshop	HLDA IV: WS Code NL 604; HLDA V: WS Code AS S290	
Immunogen	Human T lymphocytes.	
Entrez Gene ID	6693	
Gene name	SPN	
NCBI Full Gene Name	sialophorin	
UniProt ID	P16150	
Concentration	1 mg/ml	
Preparation	Purified by protein-A affinity chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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