

Technical Data Sheet

Product

**Anti-Hu CD43 Biotin**

Cat. Number/Size

**1B-220-C025**

**0.025 mg**

**1B-220-C100**

**0.1 mg**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	CD43
Clone	MEM-59
Format	Biotin
Reactivity	Human
Application	FC (QC tested), IP, WB, IHC(P)
Application details	Flow cytometry: Recommended dilution: 1-2 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

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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	Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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