

Technical Data Sheet

Product	<b>Anti-Hu CD58 FITC</b>	
Cat. Number/Size	<b>1F-232-T025</b>	<b>25 tests</b>
	<b>1F-232-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	CD58
Clone	MEM-63
Format	FITC
Reactivity	Pig, Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The antibody MEM-63 reacts with CD58 (LFA-3), a 40-70 kDa extracellular membrane glycoprotein distributed over many tissues, leukocytes, erythrocytes, endothelial cells, epithelial cells and fibroblasts.
Other names	LFA3, AG3
Workshop	HLDA VI: WS Code AS A047
Immunogen	NALM-6 human pre-B cell line
Entrez Gene ID	965
Gene name	CD58
NCBI Full Gene Name	CD58 molecule
UniProt ID	P19256

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Preparation	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

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

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