



Technical Data Sheet

Product	Anti-Hu CD63 Alexa Fluor® 647	
Cat. Number/Size	A6-343-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD58
Clone	MEM-63
Format	Alexa Fluor® 647
Reactivity	Pig, Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests. Extracellular and intracellular staining.
Excitation laser	red (633 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

Preparation	Purified antibody is conjugated with Alexa Fluor® 647 NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References	www.exbio.cz
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