

Technical Data Sheet

Product	Anti-Hu CD163 PE-Cy™7	
Cat. Number/Size	T7-645-T025	25 tests
	T7-645-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD163
Clone	GHI/61
Format	PE-Cy™7
Reactivity	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.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1 kappa
Specificity	The mouse monoclonal antibody GHI/61 recognizes an extracellular epitope CD163, an approximately 130 kDa high affinity scavenger receptor expressed mainly on monocytes and macrophages, which binds hemoglobin-haptoglobin complex.
Other names	MM130, SCARI1
Workshop	HLDA VI: WS Code M38
Immunogen	Hairy cell leukemia cells
Entrez Gene ID	9332
Gene name	CD163
NCBI Full Gene Name	CD163 molecule
UniProt ID	Q86VB7

Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy™7) 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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