

Technical Data Sheet

Product

Anti-Hu CD163 PE

Cat. Number/Size

1P-645-T025

25 tests

1P-645-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD163
Clone	GHI/61
Format	PE
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 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, SCAR11
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 R-phycoerythrin (PE) under optimum conditions. 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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