

Technical Data Sheet

Product

Anti-Hu CD180 APC

Cat. Number/Size

1A-637-T025

25 tests

1A-637-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

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| Antigen | CD180 |
| Clone | G28-8 |
| Format | APC |
| 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 | red (633 nm) |
| Isotype | Mouse IgG1 kappa |
| Specificity | The mouse monoclonal antibody G28-8 recognizes an extracellular epitope of CD180, a 95-105 kDa TLR-like glycoprotein expressed on peripheral blood monocytes and dendritic cells, mantle zone B cells and marginal zone B cells, but very weakly on germinal center B cells. |
| Other names | LY64, Ly78, RP105, Bgp95 |
| Workshop | HLDA workshop |
| Immunogen | Human tonsillar B cells |
| Entrez Gene ID | 4064 |
| Gene name | CD180 |
| NCBI Full Gene Name | CD180 molecule |
| UniProt ID | Q99467 |

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| Preparation | Purified antibody is conjugated with activated allophycocyanin (APC) 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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