

Technical Data Sheet

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| Product | Anti-Hu CD1a APC | |
| Cat. Number/Size | 1A-364-T025 | 25 tests |
| | 1A-364-T100 | 100 tests |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |

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| Antigen | CD1a |
| Clone | HI149 |
| 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 |
| Specificity | The antibody HI149 reacts with an extracellular epitope of CD1a (T6), a 49 kDa polypeptide associated with beta2-microglobulin expressed on cortical thymocytes (strongly), Langerhans cells, dendritic cells and some T cell leukemias and lymphomas. The antibody does not react with peripheral blood T and B lymphocytes, monocytes, granulocytes, platelets and erythrocytes. |
| Other names | T6, Leu-6, HTA1, FCB6 |
| Workshop | HLDA V: WS Code CD01.01 |
| Immunogen | Human thymocytes |
| Entrez Gene ID | 909 |
| Gene name | CD1A |
| NCBI Full Gene Name | CD1a molecule |
| UniProt ID | P06126 |

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| Preparation | The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography. |
| Formulation | Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide |
| Storage and handling | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label. |

Images and References www.exbio.cz

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