

Technical Data Sheet

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| Product | Anti-Hu CD41 FITC | |
| Cat. Number/Size | 1F-309-T025 | 25 tests |
| | 1F-309-T100 | 100 tests |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |

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| Antigen | CD41 |
| Clone | MEM-06 |
| Format | FITC |
| Reactivity | Human |
| Application | FC (QC tested) |
| Application details | Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests. |
| Excitation laser | blue (488 nm) |
| Isotype | Mouse IgG1 |
| Specificity | The antibody MEM-06 reacts with an extracellular epitope of CD41 (GPIIb), a transmembrane glycoprotein (integrin family) composed of two chains GPIIb alpha (heavy chain; 120 kDa) and GPIIb beta (light chain; 23 kDa). CD41 is mainly expressed on platelets and megakaryocytes. |
| Other names | Platelet GPIIb, Integrin alpha-IIb, GPalpha IIb, GTA |
| Workshop | HLDA X |
| Immunogen | Leukocytes of patient suffering from LGL-type leukaemia. |
| Entrez Gene ID | 3674 |
| Gene name | ITGA2B |
| NCBI Full Gene Name | integrin subunit alpha 2b |
| UniProt ID | P08514 |

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| Preparation | Purified antibody is conjugated with fluorescein isothiocyanate (FITC) 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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