

Technical Data Sheet

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| Product | Anti-Hu CD41 Biotin | |
| Cat. Number/Size | 1B-309-C025 | 0.025 mg |
| | 1B-309-C100 | 0.1 mg |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |

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| Antigen | CD41 |
| Clone | MEM-06 |
| Format | Biotin |
| Reactivity | Human |
| Application | FC (QC tested) |
| Application details | Flow cytometry: Recommended dilution: 2 µg/ml. |
| 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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| Concentration | 1 mg/ml |
| Preparation | Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography. |
| Formulation | Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| Storage and handling | Store at 2-8°C. Do not freeze. |

Images and References www.exbio.cz

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