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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
|                       | Technical Data Sheet                                                                                                                                                                                                                        |                  |
| Product               | <b>Anti-Hu CD41/CD61 (PAC-1 epitope) PE-Cy™5</b>                                                                                                                                                                                            |                  |
| Cat. Number/Size      | <b>T8-145-T100</b>                                                                                                                                                                                                                          | <b>100 tests</b> |
|                       | <b>For Research Use Only.</b>                                                                                                                                                                                                               |                  |
|                       | <b>Not for use in diagnostic or therapeutic procedures.</b>                                                                                                                                                                                 |                  |
| Antigen               | CD41/CD61 (PAC-1 epitope)                                                                                                                                                                                                                   |                  |
| Clone                 | PAC-1                                                                                                                                                                                                                                       |                  |
| Format                | PE-Cy™5                                                                                                                                                                                                                                     |                  |
| Reactivity            | Human                                                                                                                                                                                                                                       |                  |
| Application           | FC (QC tested)                                                                                                                                                                                                                              |                  |
| Application details   | Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.                  |                  |
| Excitation laser      | blue (488 nm)                                                                                                                                                                                                                               |                  |
| Isotype               | Mouse IgM kappa                                                                                                                                                                                                                             |                  |
| Specificity           | The mouse monoclonal antibody PAC-1 recognizes an extracellular activation-induced conformational epitope PAC-1 on CD41/CD61 complex (gpIIb/IIIa), also known as integrin alpha IIb beta 3, a receptor which mediates platelet aggregation. |                  |
| Other names           | platelet GPIIb, Integrin alpha-lib, GPalpha IIb, GPIIb, GT, GP3A, platelet GPIIIa                                                                                                                                                           |                  |
| Immunogen             | Human platelets                                                                                                                                                                                                                             |                  |
| Preparation           | Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 5 (PE-Cy™5) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.                     |                  |
| Formulation           | Stabilizing Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide                                                                                                                                                                          |                  |
| Storage and handling  | Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.                                                                                                                                                                    |                  |
| Images and References | <a href="http://www.exbio.cz">www.exbio.cz</a>                                                                                                                                                                                              |                  |

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