

Technical Data Sheet

Product **Anti-Hu CD41/CD61 (PAC-1 epitope) Alexa Fluor® 488**

Cat. Number/Size **A4-145-T100** **100 tests**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	CD41/CD61 (PAC-1 epitope)
Clone	PAC-1
Format	Alexa Fluor® 488
Reactivity	Human
Application	ICC, 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-IIIb, GPalpha IIb, GPIIb, GT, GP3A, platelet GPIIIa
Immunogen	Human platelets

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Preparation	Purified antibody is conjugated with Alexa Fluor® 488 NHS ester 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.

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Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>
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