

Technical Data Sheet

Product	<b>Anti-Hu CD41 PE-Cy™5</b>	
Cat. Number/Size	<b>T8-309-T025</b>	<b>25 tests</b>
	<b>T8-309-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	CD41
Clone	MEM-06
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 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 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 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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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