

Technical Data Sheet

Product	<b>Anti-Hu CD41 APC</b>	
Cat. Number/Size	<b>1A-309-T025</b>	<b>25 tests</b>
	<b>1A-309-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	CD41	
Clone	MEM-06	
Format	APC	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.	
Excitation laser	red (633 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	
Preparation	The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide	
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.	
Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>	

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