

Technical Data Sheet

Product	<b>Anti-Hu CD6 Pacific Blue™</b>	
Cat. Number/Size	<b>PB-205-T025</b>	<b>25 tests</b>
	<b>PB-205-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	CD6	
Clone	MEM-98	
Format	Pacific Blue™	
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	violet (405 nm)	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-98 reacts with an extracellular epitope of CD6, a 100-130 kDa single chain transmembrane glycoprotein expressed on T and B lymphocytes subsets, thymocytes, and acute lymphocytic leukemia cells.	
Other names	T12, TP120	
Immunogen	Human CD6 antigen purified by immunoaffinity chromatography from HBP-ALL cells followed by preparative SDS-PAGE of non-boiled non-reduced sample (excised piece of gel corresponding to the 100 kDa zone).	
Entrez Gene ID	923	
Gene name	CD6	
NCBI Full Gene Name	CD6 molecule	
UniProt ID	P30203	
Preparation	The purified antibody is conjugated with Pacific Blue™ 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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