



	Technical Data Sheet	
Product	Anti-Hu CD235ab PE	
Cat. Number/Size	1P-419-T025	25 tests
	1P-419-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD235ab	
Clone	HIR2	
Format	PE	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG2b	
Specificity	The mouse monoclonal antibody HIR2 recognizes an epitope within the N-terminal (extracellular) portion of CD235a (glycophorin A) and CD235b (glycophorin B). Its antigen is expressed on early erythroblasts, late erythroblasts, erythroblasts, mature erythrocytes and the cells of erythroid cell lines K562 and HEL, but not on all other cells.	
Other names	Glycophorin A/B, GYPA/B, GPA/B, PAS-2/3, Sialoglycoprotein alpha/beta, GPSAT, GP _E rik, MSN blood group	
Workshop	HLDA VII: WS Code 70299	
Immunogen	Synthetic peptide (Human, N-terminal)	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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.	
Images and References	www.exbio.cz	

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