



	Technical Data Sheet	
Product	Anti-Hu CD235a APC-Cy™7	
Cat. Number/Size	T4-784-T025	25 tests
	T4-784-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD235a	
Clone	JC159	
Format	APC-Cy™7	
Reactivity	Rat, 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 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.	
Excitation laser	red (633 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody JC159 recognizes an epitope between amino acids 27 and 40 of the extracellular portion of CD235a (glycophorin A), a sialoglycoprotein expressed on early erythroblasts, late erythroblasts, erythroblasts, mature erythrocytes and the cells of erythroid cell lines K562 and HEL. The antibody does not react with glycophorin B.	
Other names	Glycophorin A, GYPA, GPA, PAS-2, Sialoglycoprotein alpha, MN sialoglycoprotein, GPSAT, GPErik, MSN blood group	
Immunogen	Membrane preparation from splenic hairy cell leukemia	
Entrez Gene ID	2993	
Gene name	GYPA	
NCBI Full Gene Name	glycophorin A (MNS blood group)	
UniProt ID	P02724	
Preparation	Purified antibody is conjugated with activated tandem dye of allophycocyanin-cyanine 7 (APC-Cy™7) 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.	
Images and References	www.exbio.cz	

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at www.exbio.cz. EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.

Cy™ and CyDye™ are registered trademarks of Cytiva.