



	Technical Data Sheet	
Product	Anti-Hu CD82 PE	
Cat. Number/Size	1P-559-T025	25 tests
	1P-559-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD82	
Clone	C33	
Format	PE	
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 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG2a	
Specificity	The mouse monoclonal antibody C33 recognizes an extracellular/luminal epitope of CD82, a widely expressed cell surface protein of the tetraspanin family. CD82 is also found in endosome/lysosome compartments.	
Other names	R2, 4F9, C33, IA4, ST6, GR15, KAI1, SAR2, TSPAN27	
Immunogen	C91/PL (human HTLV-1+ T cell line)	
Entrez Gene ID	3732	
Gene name	CD82	
NCBI Full Gene Name	CD82 molecule	
UniProt ID	P27701	
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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