



	Technical Data Sheet	
Product	Anti-Hu CD107b PE	
Cat. Number/Size	1P-672-T025	25 tests
	1P-672-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD107b	
Clone	H4B4	
Format	PE	
Reactivity	Human	
Negative species	Mouse, Rat	
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. Intracellular and extracellular staining.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody H4B4 recognizes an extracellular/luminal epitope of CD107b / LAMP-2, an extensively glycosylated 100-120 kDa widely expressed lysosome-associated protein.	
Other names	LAMP-2, LAMPB	
Workshop	HLDA V: WS Code P007	
Immunogen	Human PBMC	
Entrez Gene ID	3920	
Gene name	LAMP2	
NCBI Full Gene Name	lysosomal associated membrane protein 2	
UniProt ID	P13473	
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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