



	Technical Data Sheet	
Product	Anti-Hu CD107a PE	
Cat. Number/Size	1P-671-T025	25 tests
	1P-671-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD107a	
Clone	H4A3	
Format	PE	
Reactivity	Human, Non-human primates, Mouse	
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. Intracellular and extracellular staining.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody H4A3 recognizes an extracellular/luminal epitope of CD107a, an approximately 100-120 kDa glycoprotein expressed mainly on lysosomal, but also on the plasma membrane.	
Other names	LAMP-1, LAMPA	
Workshop	HLDA V	
Immunogen	Human PBMC	
Entrez Gene ID	3916	
Gene name	LAMP1	
NCBI Full Gene Name	lysosomal associated membrane protein 1	
UniProt ID	P11279	
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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