

Technical Data Sheet

Product	<b>Anti-Hu CD107a PE</b>	
Cat. Number/Size	<b>1P-671-T025</b>	<b>25 tests</b>
	<b>1P-671-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	CD107a
Clone	H4A3
Format	PE
Reactivity	Human, Non-human primates, Mouse
Application	FC (QC tested), FC-IC (verified)
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 <sup>6</sup> 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

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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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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