



Technical Data Sheet

Product	Anti-Hu CD107b Alexa Fluor® 488	
Cat. Number/Size	A4-672-T025	25 tests
	A4-672-T100	100 tests
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		

Antigen	CD107b
Clone	H4B4
Format	Alexa Fluor® 488
Reactivity	Human
Negative species	Mouse, Rat
Application	FC (QC tested), WB, ICC
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 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 Alexa Fluor® 488 NHS ester 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
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