

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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