

Technical Data Sheet

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| Product | Anti-Hu CD107a Pacific Blue™ | |
| Cat. Number/Size | PB-671-T025 | 25 tests |
| | PB-671-T100 | 100 tests |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |

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| Antigen | CD107a |
| Clone | H4A3 |
| Format | Pacific Blue™ |
| 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. |
| Excitation laser | violet (405 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 |
| 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 | The purified antibody is conjugated with Pacific Blue™ under optimum conditions. The conjugate is purified by size-exclusion chromatography. |
| Formulation | Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide |
| Storage and handling | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label. |

Images and References www.exbio.cz

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