

## Technical Data Sheet

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|------------------|--------------------------------------|------------------|
| Product          | <b>Anti-Hu CD13 Alexa Fluor® 488</b> |                  |
| Cat. Number/Size | <b>A4-396-T025</b>                   | <b>25 tests</b>  |
|                  | <b>A4-396-T100</b>                   | <b>100 tests</b> |

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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|---------------------|--|
| Antigen             | CD13   |
| Clone               | WM15   |
| Format              | Alexa Fluor® 488   |
| Reactivity          | Human, Non-human primates  |
| 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 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests. |
| Excitation laser    | blue (488 nm)  |
| Isotype             | Mouse IgG1   |
| Specificity         | The antibody WM15 recognises an extracellular epitope of human CD13 cell surface glycoprotein, a 150 kDa molecule expressed on granulocytes, endothelial cells, epithelial cells and myeloid progenitors.                  |
| Other names         | Aminopeptidase N, APN, PEPN, ANPEP, gp150, LAP1  |
| Workshop            | HLDA III: WS Code M 213; HLDA IV: WS Code M 44; HLDA IV: WS Code M 209; HLDA V: WS Code M MA191  |
| Immunogen           | Human AML cells  |
| Entrez Gene ID      | 290  |
| Gene name           | ANPEP  |
| NCBI Full Gene Name | alanyl aminopeptidase, membrane  |
| UniProt ID          | P15144   |

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| 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.   |

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

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