

Technical Data Sheet

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| Product | Anti-Hu CD203c FITC | |
| Cat. Number/Size | 1F-585-T025 | 25 tests |
| | 1F-585-T100 | 100 tests |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |
| Antigen | CD203c | |
| Clone | NP4D6 | |
| Format | FITC | |
| Reactivity | Human | |
| 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. Extracellular and intracellular staining. | |
| Excitation laser | blue (488 nm) | |
| Isotype | Mouse IgG1 | |
| Specificity | The mouse monoclonal antibody NP4D6 reacts with an extracellular epitope of CD203c, a transmembrane ectoenzyme expressed on basophils and mast cells, and overexpressed upon their activation. | |
| Other names | ENPP3, B10, PDNP3, PD-IBETA | |
| Workshop | HLDA VIII | |
| Immunogen | HEK-293 cells transfected with human CD203c | |
| Entrez Gene ID | 5169 | |
| Gene name | ENPP3 | |
| NCBI Full Gene Name | ectonucleotide pyrophosphatase/phosphodiesterase 3 | |
| UniProt ID | O14638 | |
| Preparation | Purified antibody is conjugated with fluorescein isothiocyanate (FITC) 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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