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|                       | Technical Data Sheet                                                                                                                                                                                                                                                                                                                |                  |
| Product               | <b>Anti-Hu CD160 FITC</b>                                                                                                                                                                                                                                                                                                           |                  |
| Cat. Number/Size      | <b>1F-750-T100</b>                                                                                                                                                                                                                                                                                                                  | <b>100 tests</b> |
|                       | <b>For Research Use Only.</b>                                                                                                                                                                                                                                                                                                       |                  |
|                       | <b>Not for use in diagnostic or therapeutic procedures.</b>                                                                                                                                                                                                                                                                         |                  |
| Antigen               | CD160                                                                                                                                                                                                                                                                                                                               |                  |
| Clone                 | BY55                                                                                                                                                                                                                                                                                                                                |                  |
| 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 <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 IgM kappa                                                                                                                                                                                                                                                                                                                     |                  |
| Specificity           | The mouse monoclonal antibody BY55 recognizes an extracellular epitope of CD160, a 27 kDa glycoprotein expressed on NK cells, NK-T cells, intestinal intraepithelial lymphocytes, TCR-gamma/delta T cells and a small population of TCR-alpha/beta T cells. The antibody detects both GPI-anchored and transmembrane form of CD160. |                  |
| Other names           | NK1, NK28                                                                                                                                                                                                                                                                                                                           |                  |
| Workshop              | HCDM listed                                                                                                                                                                                                                                                                                                                         |                  |
| Immunogen             | Human NK cell line YT2C2                                                                                                                                                                                                                                                                                                            |                  |
| Entrez Gene ID        | 11126                                                                                                                                                                                                                                                                                                                               |                  |
| Gene name             | CD160                                                                                                                                                                                                                                                                                                                               |                  |
| NCBI Full Gene Name   | CD160 molecule                                                                                                                                                                                                                                                                                                                      |                  |
| UniProt ID            | O95971                                                                                                                                                                                                                                                                                                                              |                  |
| 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 Tris buffered saline (TBS), pH 8.0, 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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