



Technical Data Sheet

|                       |                                                                                                                                                                                                                                                    |                  |  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--|
| Product               | <b>Anti-Hu IL-2 Alexa Fluor® 647</b>                                                                                                                                                                                                               |                  |  |
| Cat. Number/Size      | <b>A6-936-T100</b>                                                                                                                                                                                                                                 | <b>100 tests</b> |  |
|                       | <b>For Research Use Only.</b>                                                                                                                                                                                                                      |                  |  |
|                       | <b>Not for use in diagnostic or therapeutic procedures.</b>                                                                                                                                                                                        |                  |  |
| Antigen               | IL-2                                                                                                                                                                                                                                               |                  |  |
| Clone                 | 35C3                                                                                                                                                                                                                                               |                  |  |
| Format                | Alexa Fluor® 647                                                                                                                                                                                                                                   |                  |  |
| Reactivity            | Human                                                                                                                                                                                                                                              |                  |  |
| Application           | FC-IC (QC tested), ICC                                                                                                                                                                                                                             |                  |  |
| 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. Intracellular staining. |                  |  |
| Excitation laser      | red (633 nm)                                                                                                                                                                                                                                       |                  |  |
| Isotype               | Mouse IgG2b kappa                                                                                                                                                                                                                                  |                  |  |
| Specificity           | The mouse monoclonal antibody 35C3 recognizes human interleukin 2 (IL-2; secreted or intracellular).                                                                                                                                               |                  |  |
| Other names           | Interleukin 2                                                                                                                                                                                                                                      |                  |  |
| Immunogen             | recombinant human IL-2                                                                                                                                                                                                                             |                  |  |
| Entrez Gene ID        | 3558                                                                                                                                                                                                                                               |                  |  |
| Gene name             | IL2                                                                                                                                                                                                                                                |                  |  |
| NCBI Full Gene Name   | interleukin 2                                                                                                                                                                                                                                      |                  |  |
| UniProt ID            | P60568                                                                                                                                                                                                                                             |                  |  |
| Preparation           | Purified antibody is conjugated with Alexa Fluor® 647 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.                                                                                                                                                                           |                  |  |
| Images and References | www.exbio.cz                                                                                                                                                                                                                                       |                  |  |

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