



Technical Data Sheet

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| Product | Anti-Ki-67 Alexa Fluor® 647 | |
| Cat. Number/Size | A6-155-T025 | 25 tests |
| | A6-155-T100 | 100 tests |
| For Research Use Only. | | |
| Not for use in diagnostic or therapeutic procedures. | | |

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| Antigen | Ki-67 |
| Clone | Ki-67 |
| Format | Alexa Fluor® 647 |
| Reactivity | Cow, Human |
| Application | FC (QC tested), WB, 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 ⁶ 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 IgG1 |
| Specificity | The mouse monoclonal antibody Ki-67 recognizes Ki-67 antigen, a non-histone nuclear protein expressed exclusively in proliferating cells. |
| Other names | KIA, MIB, Marker of proliferation Ki67, MKI67 |
| Immunogen | Nuclei of the Hodgkin lymphoma cell line L428 |
| Entrez Gene ID | 4288 |
| Gene name | MKI67 |
| NCBI Full Gene Name | marker of proliferation Ki-67 |
| UniProt ID | P46013 |

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| 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. |

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| Images and References | www.exbio.cz |
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