



Technical Data Sheet

Product	Anti-Ki-67 Alexa Fluor® 488	
Cat. Number/Size	A4-155-T025	25 tests
	A4-155-T100	100 tests
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		

Antigen	Ki-67
Clone	Ki-67
Format	Alexa Fluor® 488
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	blue (488 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

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.

Images and References	www.exbio.cz
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