



	Technical Data Sheet	
Product	<b>Anti-Ki-67 PE-Cy™7</b>	
Cat. Number/Size	<b>T7-155-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	Ki-67	
Clone	Ki-67	
Format	PE-Cy™7	
Reactivity	Cow, 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. 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 activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy™7) 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	<a href="http://www.exbio.cz">www.exbio.cz</a>	

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