



	Technical Data Sheet	
Product	Anti-Helios PE-Cy™7	
Cat. Number/Size	T7-771-T025	25 tests
	T7-771-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	Helios	
Clone	22F6	
Format	PE-Cy™7	
Reactivity	Mouse, 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 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	Armenian Hamster IgG	
Specificity	The Armenian hamster monoclonal antibody 22F6 recognizes Helios, a transcription factor (intracellular antigen) expressed in some hematopoietic stem cells, and at high levels in thymic-derived regulatory T cells. The epitope is located between amino acids 51 and 107.	
Other names	ANF1A2, IKZF2	
Immunogen	Peptide corresponding to the amino acids 51-107 of Helios	
Entrez Gene ID	22807	
Gene name	IKZF2	
NCBI Full Gene Name	IKAROS family zinc finger 2	
UniProt ID	Q9UKS7	
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	www.exbio.cz	

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