



Technical Data Sheet

Product	Anti-Helios Alexa Fluor® 647	
Cat. Number/Size	A6-771-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	Helios
Clone	22F6
Format	Alexa Fluor® 647
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	red (633 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 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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