

Technical Data Sheet

Product

Anti-Helios PE

Cat. Number/Size

1P-771-T025

25 tests

1P-771-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	Helios
Clone	22F6
Format	PE
Reactivity	Mouse, Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 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 R-phycoerythrin (PE) under optimum conditions. 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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