

Product datasheet for **AM26777RP-N**

ZNFN1A2 (IKZF2) (51-107) Hamster Monoclonal Antibody [Clone ID: 22F6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	22F6
Applications:	FC
Recommended Dilution:	Flow cytometry 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.
Reactivity:	Human, Mouse
Host:	Hamster
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Peptide corresponding to the amino acids 51-107 of Helios
Specificity:	This antibody recognizes Helios, a transcription factor expressed in some hematopoietic stem cells, and at high levels in thymic-derived regulatory T cells.
Formulation:	Phosphate buffered saline (PBS) Label: PE State: Liquid purified Ig fraction Stabilizer: 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) Preservative: 15 mM sodium azide Label: Conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use.
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	IKAROS family zinc finger 2
Database Link:	Entrez Gene 22807 Human Q9UKS7



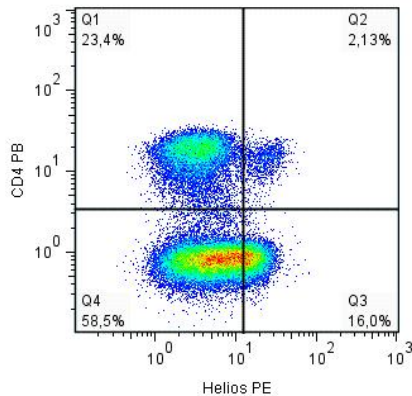
[View online »](#)

Background:

Helios, also known as IKZF2 (Ikaros family zinc finger protein 2) is a hematopoietic-specific transcription factor involved in the regulation of lymphocyte development, together with other members of this family, such as Aiolos and Ikaros. Helios forms homo- and heterodimers with these proteins and is thought to function predominantly in early hematopoietic development. Expression of Helios, Aiolos and Ikaros is restricted to cells of the hematopoietic system, whereas other family members, Eos and Pegassus, are more widely expressed. Helios is expressed at early stages of thymocyte development. In mature T cells, Helios has been strongly associated with Treg cells.

Synonyms:

helios; MGC34330; OTTHUMP00000163964; ZNF1A2; ZNFN1A2

Product images:

Human peripheral blood lymphocytes were stained with anti-CD4 Pacific Blue™, fixed and permeabilized with Treg Detection Kit (Miltenyi cat. 130-094-163), and then intracellularly stained with anti-Helios PE (clone 22F6).