

anti-Mouse, Human Helios Monoclonal Antibody | anti-IKZF2 antibody

Anti-Helios Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128288	Armenian Hamster	Mouse, Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

Helios; Monoclonal Antibody; Anti-Helios Purified; IKAROS family zinc finger 2; ANF1A2; IKZF2; anti-IKZF2 antibody

PRODUCT SPECIFICATIONS

Host	Armenian Hamster
Reactivity	Mouse, Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	22F6
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.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	500
Applicable Applications for anti-IKZF2 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Peptide corresponding to the amino acids 51-107 of Helios
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-IKZF2 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119220592
NCBI GeneID	22807
NCBI Accession #	NP_001072994.1
NCBI GenBank Nucleotide #	NP_001072994.1

UniProt Accession #	Q9UKS7
NCBI Official Full Name	zinc finger protein Helios isoform 2
NCBI Official Synonym Full Names	IKAROS family zinc finger 2
NCBI Official Symbol	IKZF2
NCBI Official Synonym Symbols	ANF1A2; HELIOS; ZNF1A2; ZNFN1A2
NCBI Protein Information	zinc finger protein Helios
UniProt Protein Name	Zinc finger protein Helios
UniProt Gene Name	IKZF2
UniProt Synonym Gene Names	HELIOS; ZNFN1A2
UniProt Entry Name	IKZF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/helios-antibody-clone-22f6-flow-cytometry-elisa/128288>