

Datasheet for ABIN5541430
anti-IKZF2 antibody (AA 51-107)



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Overview

Quantity:	0.1 mg
Target:	IKZF2
Binding Specificity:	AA 51-107
Reactivity:	Human, Mouse
Host:	Hamster
Clonality:	Monoclonal
Conjugate:	This IKZF2 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Peptide corresponding to the amino acids 51-107 of Helios
Clone:	22F6
Isotype:	IgG
Specificity:	This antibody recognizes Helios, a transcription factor expressed in some hematopoietic stem cells, and at high levels in thymic-derived regulatory T cells.
Purification:	Protein-A affinity chromatography

Target Details

Target:	IKZF2
Alternative Name:	znfn1a2 (ikzf2, helios) (IKZF2 Products)

Target Details

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.

UniProt: [Q9UKS7](#)

Application Details

Application Notes: Flow cytometry: Intracellular staining.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Phosphate buffered saline (PBS) **Preservatives:** 15 mM sodium azide, approx. pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.

Expiry Date: 12 months