Datasheet for ABIN5541431

anti-IKZF2 antibody (AA 51-107) (PE)

Go to Product page

Overview

Quantity:	100 tests
Target:	IKZF2
Binding Specificity:	AA 51-107
Reactivity:	Human, Mouse
Host:	Hamster
Clonality:	Monoclonal
Conjugate:	This IKZF2 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Peptide coresponding 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.

Target Details

Target:	IKZF2
Alternative Name:	znfn1a2 (ikzf2, helios) (IKZF2 Products)
Background:	Helios, also known as IKZF2 (Ikaros family zinc finger protein 2) is a hematopoietic-specific

Target Details

	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 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.
Restrictions:	For Research Use only

Handling

Format:	Liquid
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 the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
Expiry Date:	12 months