

Human Aiolos/IKZF3 Alexa Fluor® 488-conjugated Antibody

Recombinant Monoclonal Mouse IgG, Clone # 914821

Catalog Number: IC8625G 25 Tests

Species Reactivity	Human		
Specificity	Detects human Aiolos/IKZF3 in direct ELISAs.		
Source	Recombinant Monoclonal Mouse IgG ₁ Clone # 914821		
Purification	Protein A or G purified from cell culture supernatant		
Immunogen	E. coli-derived recombinant human Aiolos/IKZF3 Met1-Gly54 Accession # Q9UKT9		
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm		
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.		
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Shee (SDS) for additional information and handling instructions.		

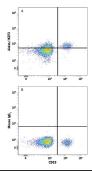
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website

	Recommended Concentration	Sample
Intracellular Staining by Flow Cytometry	5 μL/10 ⁶ cells	See Below

DATA

Intracellular Staining by Flow Cytometry



Detection of Aiolos/IKZF3 in Human PBMCs by Flow Cytometry. Human peripheral blood mononuclear cells (PBMCs) were stained with Mouse Anti-Human CD19 APC-conjugated Monoclonal Antibody (Catalog # FAB4867A) and either (A) Mouse Anti-Human Aiolos/IKZF3 Alexa Fluor® 488-conjugated Monoclonal Antibody (Catalog # IC8625G) or (B) Mouse IgG 1 Alexa Fluor 488 Isotype Control (Catalog # IC002G). To facilitate intracellular staining, cells were fixed and permeabilized with FlowX FoxP3 Fixation & Permeabilization Buffer Kit (Catalog # FC012). View our protocol for Staining Intracellular Molecules.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage

Protect from light. Do not freeze.

12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

IKAROS family zinc finger 3 (IKZF3), also known as Aiolos, is a hematopoietic-specific transcription factor involved in the regulation of lymphocyte development. This gene product interacts with IKZF family memebers as well as FoxP3, resulting in select gene silencing in Tregs. Over amino acids (aa) 1-54, human and mouse share 70% as sequence identity.

PRODUCT SPECIFIC NOTICES

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