

DESCRIPTION

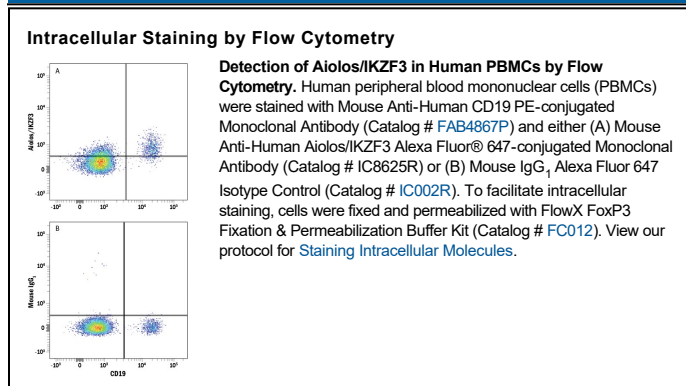
Species Reactivity	Human
Specificity	Detects human Aiolos/IKZF3 in direct ELISAs.
Source	Recombinant Monoclonal Mouse IgG ₁ Clone # 914821
Purification	Protein A or G purified from cell culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human Aiolos/IKZF3 Met1-Gly54 Accession # Q9UKT9
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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 Sheet (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



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. <ul style="list-style-type: none"> ● 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 members as well as FoxP3, resulting in select gene silencing in Tregs. Over amino acids (aa) 1-54, human and mouse share 70% aa sequence identity.

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