

Technical Data Sheet

Product **Anti-Ikaros Alexa Fluor® 647**  
Cat. Number/Size **A6-159-T100** **100 tests**  
**For Research Use Only.**  
**Not for use in diagnostic or therapeutic procedures.**

Antigen	Ikaros
Clone	4E9
Format	Alexa Fluor® 647
Reactivity	Mouse, Human
Application	FC-IC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests. Intracellular staining.
Excitation laser	red (633 nm)
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody 4E9 recognizes Ikaros, a transcription factor (intracellular antigen) expressed broadly in hematopoietic progenitors and serving as a key regulator of lymphopoiesis.
Other names	IKZF1; IK1; LYF1; LyF-1; IKAROS; PPP1R92; PRO0758; ZNFN1A1; Hs.54452; IKAROS family zinc finger 1; Lymphoid transcription factor LyF-1
Immunogen	Recombinant human Ikaros (C-terminal part)
Entrez Gene ID	10320
Gene name	IKZF1
NCBI Full Gene Name	IKAROS family zinc finger 1
UniProt ID	Q13422

Preparation	Purified antibody is conjugated with Alexa Fluor® 647 NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References [www.exbio.cz](http://www.exbio.cz)

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