

Technical Data Sheet

Product

Anti-Ikaros PE

Cat. Number/Size

1P-159-T025

25 tests

1P-159-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	Ikaros
Clone	4E9
Format	PE
Reactivity	Mouse, Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for 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. Intracellular staining.
Excitation laser	blue (488 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 R-phycoerythrin (PE) under optimum conditions. 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

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