Product datasheet for TA346978S

Ikaros (IKZF1) Mouse Monoclonal Antibody [Clone ID: 1A12-F2-D8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1A12-F2-D8
Applications:	IP, WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for IKZF1 antibody: purified recombinant human Ikaros(C-terminus) protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50%,glycerol
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	IKAROS family zinc finger 1
Database Link:	NP_006051 Entrez Gene 10320 Human Q13422

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Background:	Transcription regulator of hematopoietic cell differentiation. Binds gamma-satellite DNA. Binds with higher affinity to gamma satellite A. Plays a role in the development of lymphocytes, B- and T-cells. Binds and activates the enhancer (delta-A element) of the CD3-delta gene. Repressor of the TDT (terminal deoxynucleotidyltransferase) gene during thymocyte differentiation. Regulates transcription through association with both HDAC-dependent and HDAC-independent complexes. Targets the 2 chromatin-remodeling complexes, NuRD and BAF (SWI/SNF), in a single complex (PYR complex), to the beta-globin locus in adult erythrocytes. Increases normal apoptosis in adult erythroid cells. Confers early temporal competence to retinal progenitor cells (RPCs).
Synonyms:	Hs.54452; IK1; IKAROS; LyF-1; LYF1; PPP1R92; PRO0758; ZNFN1A1
Protein Families:	Druggable Genome, Transcription Factors