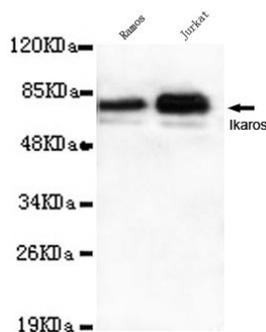




Ikaros(C-term)

Mouse monoclonal Antibody

#53545

Catalog Number: 53545**Amount:** 100µg/100µl**Swiss-Prot No. :** Q13422**Gene name:** ikzf1**Gene id:** 10320**Clone Number:** 1A12-F2-D8**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human Ikaros(C-term) protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of a Ikaros(C-term) and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 58kd WB: 1:1000

Western blot detection of Ikaros(C-terminus) in Ramos and Jurkat cell lysates using Ikaros(C-terminus) mouse mAb (1:1000 diluted). Predicted band size: 58KDa. Observed band size: 58KDa.

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).