

Ikaros Mouse mAb

CatalogNo: YM1052 **Orthogonal Validated** 

Key Features

Host Species

- Mouse

Reactivity

- Human, Mouse, Dog

Applications

- WB

MW

- 58kD (Calculated)

Recommended Dilution Ratios

WB 1:1000-1:2000**Not yet tested in other applications.**

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Monoclonal**Clone Number** 3C2

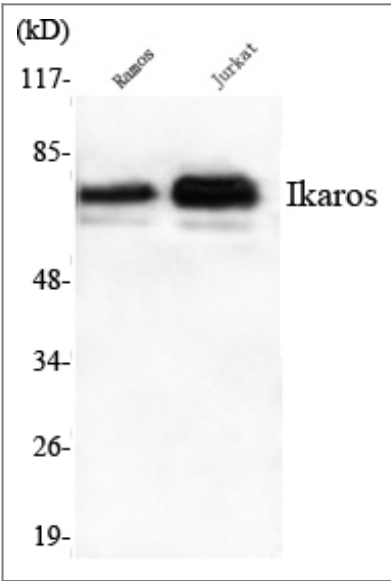
Immunogen Information

Immunogen Purified recombinant human Ikaros (C-terminus) protein fragments expressed in E.coli.**Specificity** Ikaros Monoclonal Antibody detects endogenous levels of Ikaros protein.

Target Information

Gene name	IKZF1		
Protein Name	DNA-binding protein Ikaros		
	Organism	Gene ID	UniProt ID
	Human	10320 ;	Q13422 ;
	Mouse		Q03267 ;
Cellular Localization	Nucleus . In resting lymphocytes, distributed diffusely throughout the nucleus. Localizes to pericentromeric heterochromatin in proliferating cells. This localization requires DNA binding which is regulated by phosphorylation / dephosphorylation events. .; [Isoform Ik2]: Nucleus. In resting lymphocytes, distributed diffusely throughout the nucleus. Localizes to pericentromeric heterochromatin in proliferating cells. This localization requires DNA binding which is regulated by phosphorylation / dephosphorylation events (By similarity). .; [Isoform Ik6]: Cytoplasm .		
Tissue specificity	Abundantly expressed in thymus, spleen and peripheral blood Leukocytes and lymph nodes. Lower expression in bone marrow and small intestine.		
Function	Function: Binds and activates the enhancer (delta-A element) of the CD3-delta gene. Functions in the specification and the maturation of the T-lymphocyte. Also interacts with a critical control element in the TDT (terminal deoxynucleotidyltransferase) promoter as well as with the promoters for other genes expressed during early stages of B- and T-cell development.,similarity: Belongs to the Ikaros C2H2-type zinc-finger protein family.,similarity: Contains 6 C2H2-type zinc fingers.,subunit: Interacts with IKZF4 AND IKZF5.,tissue specificity: Abundantly expressed in thymus, spleen and peripheral blood Leukocytes and lymph nodes. Lower expression in bone marrow and small intestine.,		

| Validation Data



Western Blot analysis using Ikaros Monoclonal Antibody against Ramos, Jurkat cell lysate.

| Contact information

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Ikaros Mouse mAb

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