

Ikaros Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0103
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant human Ikaros (C-terminus) protein fragments expressed in E.coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Dog
Clonality	Monoclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	DNA-binding protein Ikaros
Synonyms	IKZF1; IK1; IKAROS; LYF1; ZNFN1A1; DNA-binding protein Ikaros; Ikaros family zinc finger protein 1; Lymphoid transcription factor LyF-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

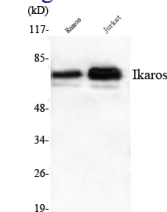
This gene encodes a transcription factor that belongs to the family of zinc-finger DNA-binding proteins associated with chromatin remodeling. The expression of this protein is restricted to the fetal and adult hemo-lymphopoietic system, and it functions as a regulator of lymphocyte differentiation. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. Most isoforms share a common C-terminal domain, which contains two zinc finger motifs that are required for hetero- or homo-dimerization, and for interactions with other proteins. The isoforms, however, differ in the number of N-terminal zinc finger motifs that bind DNA and in nuclear localization signal presence, resulting in members with and without DNA-binding properties. Only a few isoforms contain the requisite three or more N-terminal zinc motifs that confer high affinity binding

Recommended Dilution

WB: 1:1000 - 1:2000

Not yet tested in other applications.

Images



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

Storage

-20°C for one year