

Recombinant

DGRmAb®

Ikaros (DGR32670) Rabbit mAb

db13391

Package : 10µL 20µL 50µL 100µL

Product Name : Ikaros (DGR32670) Rabbit mAb**Cat.No.:** db13391**Synonyms :** IK1; LYF1; LyF-1; CVID13; IKAROS; PPP1R92; PRO0758; ZNFN1A1; Hs.54452**Application :** WB, ICC/IF, FC, IP**Reactivity :** Human**Host species :** Rabbit**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 to a specific core DNA sequence element in the promoters of target genes. The non-DNA-binding isoforms are largely found in the cytoplasm, and are thought to function as dominant-negative factors. Overexpression of some dominant-negative isoforms have been associated with B-cell malignancies, such as acute lymphoblastic leukemia (ALL). [provided by RefSeq, May 2014]

Immunogen

A synthetic peptide of human Ikaros

Gene ID

10320

Swiss Prot

Q13422

Synonyms

IK1; LYF1; LyF-1; CVID13; IKAROS; PPP1R92; PRO0758; ZNFN1A1; Hs.54452

Reactivity

Human

Application

WB, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000-1:5000

ICC/IF: 1:100-1:200

FC: 1:50-1:100

IP: 1:20-1:50

Calculated MW	58 kDa
Observed MW	50-70 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR32670
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

