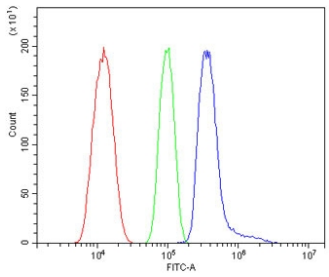
Helios Antibody / ZNFN1A2 / IKZF2 (RQ6055)

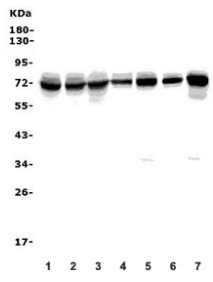
Catalog No.	Formulation	Size
RQ6055	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9UKS7
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Helios antibody is available for research use only.



Flow cytometry testing of human HL60 cells with Helios antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Helios antibody.



Western blot testing of human 1) HeLa, 2) K562, 3) Jurkat, 4) SW579, 5) A549, 6) rat spleen and 7) mouse ANA-1 cell lysate with Helios antibody. Expected molecular weight: 60-70 kDa.

Description

Zinc finger protein Helios is a protein that in humans is encoded by the IKZF2 gene. This gene is mapped to 2q34.This gene encodes a member of the Ikaros family of zinc-finger proteins. Three members of this protein family (Ikaros, Aiolos and Helios) are hematopoietic-specific transcription factors involved in the regulation of lymphocyte development. This protein forms homo- or hetero-dimers with other Ikaros family members, and is thought to function predominantly in early hematopoietic development. Multiple transcript variants encoding different isoforms have been found for this gene, but the biological validity of some variants has not been determined.

Application Notes

Optimal dilution of the Helios antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-R477) was used as the immunogen for the Helios antibody.

Storage

After reconstitution, the Helios antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.