



# Helios Monoclonal Antibody

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|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYmab-01770                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reactivity         | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applications       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Name          | IKZF2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Protein Name       | Zinc finger protein Helios                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen          | The antiserum was produced against synthesized peptide derived from human IKZF2. AA range:331-380                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Specificity        | Helios Monoclonal Antibody detects endogenous levels of Helios protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Source             | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purification       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Dilution           | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Synonyms           | IKZF2; HELIOS; ZNFN1A2; Zinc finger protein Helios; Ikaros family zinc finger protein 2                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Observed Band      | 56kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Cell Pathway       | Nucleus .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Tissue Specificity | Epithelium,Testis,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Function           | function:Associates with Ikaros at centromeric heterochromatin.,similarity:Belongs to the Ikaros C2H2-type zinc-finger protein family.,similarity:Contains 6 C2H2-type zinc fingers.,subunit:Interacts with IKZF4 AND IKZF5.,                                                                                                                                                                                                                                                                                                                  |
| Background         | 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 |

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has not been determined. [provided by RefSeq, Jul 2008],

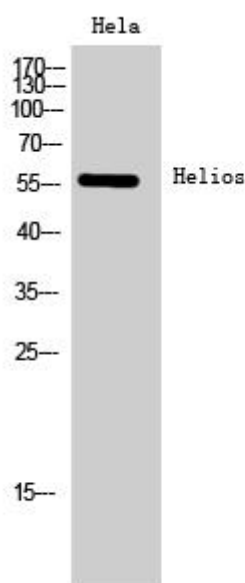
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using Helios Monoclonal Antibody