# Ikaros 3 Monoclonal Antibody

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| **Catalog No** | YP-mAb-01823 |
| **Isotype** | IgG |
| **Reactivity** | Human;Mouse |
| **Applications** | WB |
| **Gene Name** | IKZF3 |
| **Protein Name** | Zinc finger protein Aiolos |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human IKZF3. AA range:361-410 |
| **Specificity** | Ikaros 3 Monoclonal Antibody detects endogenous levels of Ikaros 3 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 1:500-1:2000 |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | IKZF3; ZNFN1A3; Zinc finger protein Aiolos; Ikaros family zinc finger protein 3 |
| **Observed Band** | 62kD |
| **Cell Pathway** | Nucleus . Cytoplasm .; [Isoform 1]: Nucleus .; [Isoform 3]: Nucleus .; [Isoform 11]: Nucleus .; [Isoform 14]: Nucleus . Cytoplasm .; [Isoform 12]: Cytoplasm . |
| **Tissue Specificity** | Expressed most strongly in peripheral blood leukocytes, the spleen, and the thymus. |
| **Function** | function:Transcription factor that plays an important role in the regulation of lymphocyte differentiation.,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:Expressed most strongly in peripheral blood leukocytes, the spleen, and the thymus., |
| **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 gene product is a transcription factor that is important in the regulation of B lymphocyte proliferation and differentiation. Both Ikaros and Aiolos can participate in chromatin remodeling. Regulation of gene expression in B lymphocytes by Aiolos is complex as it appears to require the sequential formation of Ikaros homodimers, Ikaros/Aiolos heterodimers, and Aiolos homodimers. Several alternative transcripts encoding different isoforms |

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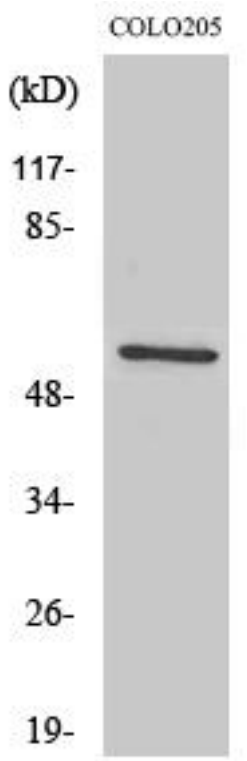
| | have been described, as well as some non-protein coding variants. [provided by RefSeq, Apr 2012], |
| **matters needing attention** | Avoid repeated freezing and thawing! |
| **Usage suggestions** | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

## Products Images




Western Blot analysis of various cells using Ikaros 3 Monoclonal Antibody