

# Product Datasheet

## Ikaros/IKZF1 Antibody (4S10I3) NBP3-16223-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-16223-100ul**

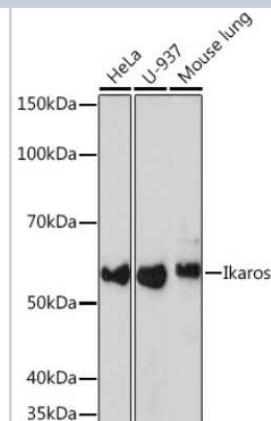
Ikaros/IKZF1 Antibody (4S10I3)

| Product Information         |                                                                                                                                                                                                                         |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ul                                                                                                                                                                                                                  |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                             |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                |
| Clonality                   | Monoclonal                                                                                                                                                                                                              |
| Clone                       | 4S10I3                                                                                                                                                                                                                  |
| Preservative                | 0.02% Sodium Azide                                                                                                                                                                                                      |
| Isotype                     | IgG                                                                                                                                                                                                                     |
| Purity                      | Affinity purified                                                                                                                                                                                                       |
| Buffer                      | PBS (pH 7.3), 50% glycerol, 0.05% BSA                                                                                                                                                                                   |
| Target Molecular Weight     | 58 kDa                                                                                                                                                                                                                  |
| Product Description         |                                                                                                                                                                                                                         |
| Host                        | Rabbit                                                                                                                                                                                                                  |
| Gene ID                     | 10320                                                                                                                                                                                                                   |
| Gene Symbol                 | IKZF1                                                                                                                                                                                                                   |
| Species                     | Human, Mouse                                                                                                                                                                                                            |
| Immunogen                   | A synthetic peptide corresponding to a sequence within amino acids 250-350 of human Ikaros/IKZF1 (Q13422).<br>AEDLCKIGSERSLVLDRLASNVAKRKSSMPQKFLGDKGLSDTPYDSSASYEKE<br>NEMMKSHVMDQAINNAINYLGAESLRPLVQTPPGGSEVVPVISPMYQL |
| Product Application Details |                                                                                                                                                                                                                         |
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP)                                                                                                                      |
| Recommended Dilutions       | Western Blot 1:500 - 1:2000, ELISA Recommended starting concentration is 1 µg/mL, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Chromatin Immunoprecipitation (ChIP) 5µg antibody for 10µg-15µg of Chromatin    |

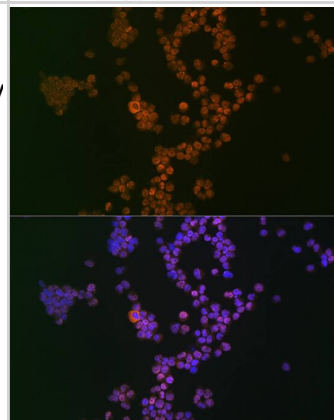


## Images

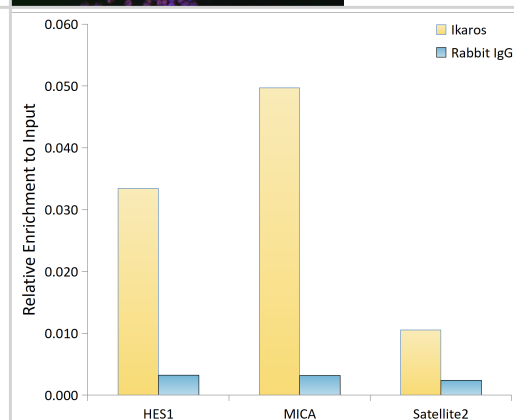
**Western Blot:** Ikaros/IKZF1 Antibody (4S10I3) [NBP3-16223] - Analysis of extracts of various cell lines, using Ikaros/IKZF1 Rabbit mAb (NBP3-16223) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



**Immunocytochemistry/ Immunofluorescence:** Ikaros/IKZF1 Antibody (4S10I3) [NBP3-16223] - Immunofluorescence analysis of Jurkat cells using Ikaros/IKZF1 Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



**Chromatin Immunoprecipitation:** Ikaros/IKZF1 Antibody (4S10I3) [NBP3-16223] - Chromatin immunoprecipitation analysis of extracts of K-562 cells, using Ikaros/IKZF1 antibody and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.





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### **Products Related to NBP3-16223-100ul**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP2-38242PEP | Ikaros/IKZF1 Recombinant Protein Antigen            |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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