

# Product Datasheet

## Klotho Antibody (775340) [DyLight 755] FAB5334Z

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB5334Z**

Klotho Antibody (775340) [DyLight 755]

| Product Information         |                                                                                                                                                                                                                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                                                                                |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                           |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                              |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                            |
| Clone                       | 775340                                                                                                                                                                                                                                                                                                                |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                    |
| Isotype                     | IgG2b                                                                                                                                                                                                                                                                                                                 |
| Conjugate                   | DyLight 755                                                                                                                                                                                                                                                                                                           |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                            |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                    |
| Product Description         |                                                                                                                                                                                                                                                                                                                       |
| Host                        | Rat                                                                                                                                                                                                                                                                                                                   |
| Gene ID                     | 9365                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol                 | KL                                                                                                                                                                                                                                                                                                                    |
| Species                     | Human                                                                                                                                                                                                                                                                                                                 |
| Specificity/Sensitivity     | Detects human Klotho in direct ELISAs. In direct ELISAs, approximately 50% cross-reactivity with recombinant mouse (rm) Klotho (aa 35-982) is observed and no cross-reactivity with rmKlotho (aa 23-550), recombinant human (rh) Klotho beta (aa 53-997), or rhCytosolic beta $\square$ Glucosidase/GBA3 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant human Klotho Glu34-Ser981<br>Accession # Q9UEF7                                                                                                                                                                                                                       |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                     |
| Product Application Details |                                                                                                                                                                                                                                                                                                                       |
| Applications                | Neutralization                                                                                                                                                                                                                                                                                                        |
| Recommended Dilutions       | Neutralization                                                                                                                                                                                                                                                                                                        |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                |





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### **Products Related to FAB5334Z**

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|               |                                  |
|---------------|----------------------------------|
| NB100-2432PEP | Klotho Antibody Blocking Peptide |
| 210-TA-005    | TNF-alpha [Unconjugated]         |
| 5334-KL-025   | Klotho [Unconjugated]            |
| M6000B-1      | IL-6 [HRP]                       |

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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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