

# Anti-Klotho Beta Reference Antibody (RG7992)

Recombinant Antibody  
Catalog # APR10970

## Product Information

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|-------------------|----------------------------------------------------------------|
| Application       | Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA |
| Primary Accession | <a href="#">Q86Z14</a>                                         |
| Reactivity        | Human                                                          |
| Clonality         | Monoclonal                                                     |
| Isotype           | IgG1                                                           |
| Calculated MW     | 119808                                                         |

## Additional Information

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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Target/Specificity       | Klotho Beta                                                                                                                      |
| Endotoxin<br>Conjugation | Unconjugated                                                                                                                     |
| Expression system        | CHO                                                                                                                              |
| Format                   | Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column. |

## Protein Information

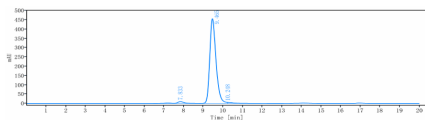
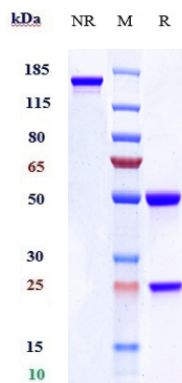
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|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name              | KLB                                                                                                                                                                                                                                                     |
| Function          | Contributes to the transcriptional repression of cholesterol 7-alpha-hydroxylase (CYP7A1), the rate-limiting enzyme in bile acid synthesis. Probably inactive as a glycosidase. Increases the ability of FGFR1 and FGFR4 to bind FGF21 (By similarity). |
| Cellular Location | Cell membrane; Single-pass type III membrane protein                                                                                                                                                                                                    |

## Images

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Anti-Klotho Beta Reference Antibody (RG7992) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-Klotho Beta Reference Antibody (RG7992) is 95.82%, determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.