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# Anti-Klotho Beta Reference Antibody (NGM313)

Recombinant Antibody
Catalog # APR10969

## Product Information

| | |
|---|---|
| **Application** | Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA |
| **Primary Accession** | Q86Z14 |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Calculated MW** | 119808 |

## Additional Information

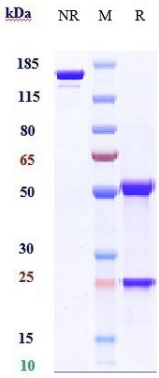
| | |
|---|---|
| **Target/Specificity** | Klotho Beta |
| **Endotoxin** | |
| **Conjugation** | Unconjugated |
| **Expression system** | CHO |
| **Format** | Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column. |

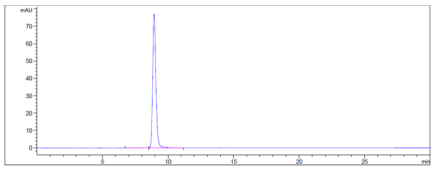
## Protein Information

| | |
|---|---|
| **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

Anti-Klotho Beta Reference Antibody (NGM313) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 90%.



The purity of Anti-Klotho Beta Reference Antibody (NGM313) is more than 95%, determined by SEC-HPLC.

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