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Vitamin D (25-OH-VD) Rabbit mAb

Catalog No.: A25579 Recombinant

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
DB,ELISA

Cross-Reactivity
Species independent

CloneNo number
ARC66208

Background

25-OH-VD, is the primary circulating form of vitamin D in human body after its initial metabolism. It serves as the preferred biomarker for assessing vitamin D status due to its plasma concentration accurately reflecting total body stores. Derived from the hydroxylation of vitamin D precursors (vitamin D3 or D2) in the liver, 25-OH-VD is a precursor to the biologically active 1,25-(OH)2-D3 formed in the kidneys. Its long half-life and stable levels make it the standard analyte for laboratory tests to diagnose vitamin D deficiency or excess, crucial in preventing and treating conditions like osteoporosis, rickets, and various chronic diseases linked to vitamin D, including cardiovascular issues, immune disorders, muscle dysfunction, diabetes, and certain cancers.

Recommended Dilutions

DB	1:500 - 1:1000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID **Swiss Prot**

Immunogen
Chemical compounds corresponding to Vitamin D (25-OH-VD).

Synonyms

Contact

400-999-6126

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Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data

Dot-blot analysis of Biotin-BSA-25-hydroxyvitamin D3 3-hemisuccinic acid using Vitamin D (25-OH-VD) Rabbit mAb (A25579) at 1:1000 dilution.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.