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Anti-FGF23 Reference Antibody (burosumab)

Recombinant Antibody Catalog # APR10626

Product Information

Application FC, Kinetics, Animal Model

Primary Accession

Reactivity

Clonality

Isotype

Calculated MW

Q9GZV9

Human

Monoclonal

IgG1

27954

Additional Information

Target/Specificity FGF23

Endotoxin

Conjugation Unconjugated

Expression system CHO Cell

Format Purified monoclonal antibody supplied in PBS, pH6.0, without

preservative. This antibody is purified through a protein A column.

Protein Information

Name FGF23

Synonyms HYPF

Function Regulator of phosphate homeostasis (PubMed: <u>11062477</u>). Inhibits renal

tubular phosphate transport by reducing SLC34A1 levels (PubMed: 11409890). Up-regulates EGR1 expression in the presence of KL (By similarity). Acts directly on the parathyroid to decrease PTH secretion (By similarity).

Regulator of vitamin-D metabolism (PubMed: 15040831). Negatively regulates osteoblast differentiation and matrix mineralization (PubMed: 18282132).

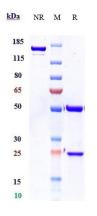
Cellular Location Secreted. Note=Secretion is dependent on O-glycosylation

Tissue Location Expressed in osteogenic cells particularly during phases of active bone

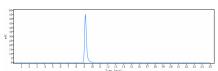
remodeling. In adult trabecular bone, expressed in osteocytes and flattened

bone-lining cells (inactive osteoblasts)

Images



Anti-FGF23 Reference Antibody (burosumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-FGF23 Reference Antibody (burosumab)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'.