

## FGF-23 Rabbit mAb (AR1702)

### Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IF,ELISA
Isotype:	IgG,Kappa
MW:	28kDa (Calculated) 36kDa (Observed)

### Recommended Dilution Ratios

WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
<b>Storage</b>	-15°C to -25°C/1 year (Do not lower than -25°C)

### Basic Information

Clonality	Monoclonal
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### Immunogen Information

Specificity	Endogenous
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### Target Information

Gene name	FGF23
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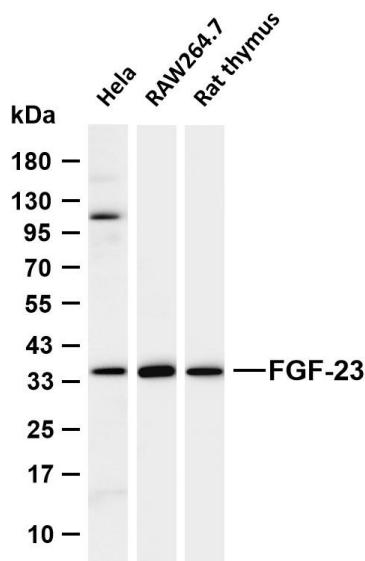
Protein Name	Fibroblast growth factor 23
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Organism	Gene ID	UniProt ID
Human	8074	Q9GZV9
Mouse	64654	Q9EPC2
Rat	170583	Q8VI82

Cellular Localization	Secreted. Secretion is dependent on O-glycosylation.
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Tissue specificity	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).
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## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-FGF-23 antibody. The HRP conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

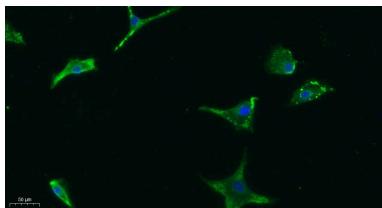
Lane 1: HeLa

Lane 2: RAW264.7

Lane 3: Rat thymus

Predicted band size: 28kDa

Observed band size: 36kDa



Immunofluorescence analysis of A549.

1. Primary Antibody was diluted at 1:200(4°C overnight).
2. Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).
3. DAPI (blue) 10min.

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