# FGF23 Rabbit mAb

Catalog No.: A25006 Recombinant



## **Basic Information**

#### **Observed MW**

28kDa

#### **Calculated MW**

28kDa

### Category

Primary antibody

### **Applications**

WB,IF/ICC,ELISA

### **Cross-Reactivity**

Human

#### CloneNo number

ARC64764

## **Background**

This gene encodes a member of the fibroblast growth factor family of proteins, which possess broad mitogenic and cell survival activities and are involved in a variety of biological processes. The product of this gene regulates phosphate homeostasis and transport in the kidney. The full-length, functional protein may be deactivated via cleavage into N-terminal and C-terminal chains. Mutation of this cleavage site causes autosomal dominant hypophosphatemic rickets (ADHR). Mutations in this gene are also associated with hyperphosphatemic familial tumoral calcinosis (HFTC).

## **Recommended Dilutions**

**WB** 1:2000 - 1:10000

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 μg/mL.

Please optimize the concentration based on your specific assay requirements.

## **Immunogen Information**

**Gene ID**8074

Swiss Prot
Q9GZV9

### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### **Synonyms**

ADHR; FGFN; HYPF; HFTC2; HPDR2; PHPTC; FGF23

## **Contact**

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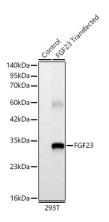
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

### **Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with FGF23 using FGF23 Rabbit mAb (A25006) at 1:6000 dilution.

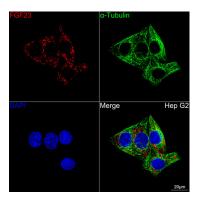
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5s.



Confocal imaging of Hep G2 cells using FGF23 Rabbit mAb (A25006, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.