

FGF23 Antibody

Catalog No: #34248



Package Size: #34248-1 50ul #34248-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

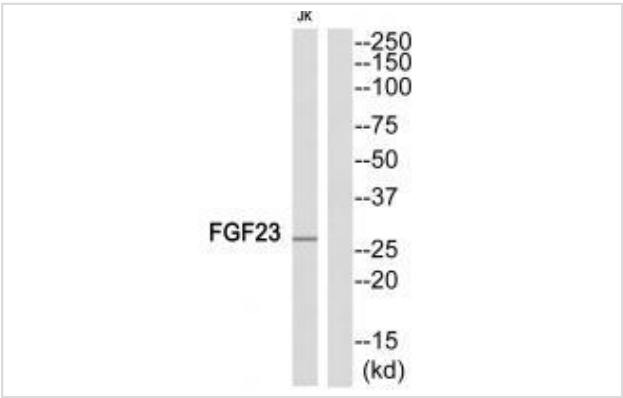
Product Name	FGF23 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total FGF23 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human FGF23.
Target Name	FGF23
Other Names	Fibroblast growth factor 23; FGF-23; Tumor-derived hypophosphatemia-inducing factor; HYPF;
Accession No.	Swiss-Prot: Q9GZV9NCBI Gene ID: 8074
Uniprot	Q9GZV9
GeneID	8074;
SDS-PAGE MW	27kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

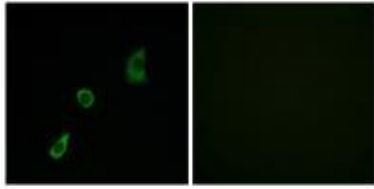
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from JK cells, using FGF23 antibody #34248.

Immunofluorescence analysis of HuvEc cells, using FGF23 antibody #34248.



Background

Regulator of phosphate homeostasis. Inhibits renal tubular phosphate transport by reducing SLC34A1 levels. Upregulates 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. Negatively regulates osteoblast differentiation and matrix mineralization.

Yamashita T., Biochem. Biophys. Res. Commun. 277:494-498(2000).

White K.E., Nat. Genet. 26:345-348(2000).

Shimada T., Proc. Natl. Acad. Sci. U.S.A. 98:6500-6505(2001).

Note: This product is for in vitro research use only