

Product datasheet for **TA592951M**

FGF 23 (FGF23) Rabbit Monoclonal Antibody [Clone ID: OTIR5D11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTIR5D11
Applications:	WB
Recommended Dilution:	WB 1:1000-1:5000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human FGF23 (NP_065689) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
Predicted Protein Size:	28 kDa
Gene Name:	fibroblast growth factor 23
Database Link:	NP_065689 Entrez Gene 8074 Human Q9GZV9
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). [provided by RefSeq, Feb 2013]


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Synonyms: ADHR; FGFN; HFTC2; HPDR2; HYPF; PHPTC

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton

Product images:

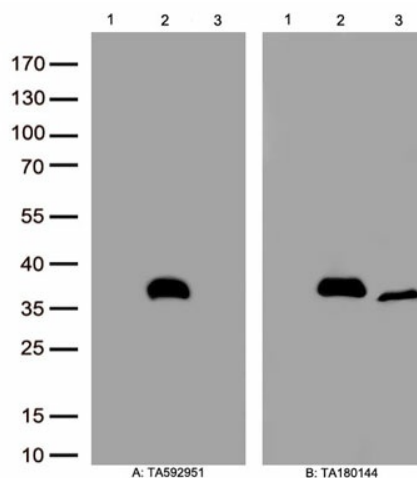


Figure A, Western blot analysis of overexpressed lysates(15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], lane 1) , human FGF23 plasmid ([RC210127], lane 2), mouse FGF23 plasmid ([MR227482], lane 3) using anti-FGF23 antibody [TA592951] (1:5000). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000)