

Anti-FGF23 antibody (25-251) (STJ27877)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

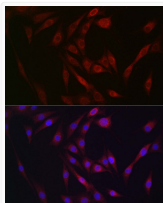
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 28kDa Observed Mw: 28kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

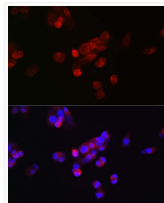
Gene ID	8074
Gene Symbol	FGF23
UniProt ID	FGF23_HUMAN
Immunogen Region	25-251
Immunogen Sequence	YPNASPLLGSSWGGLIHLTY ATARNSYHLQIHKNGHVDGA PHQTIYSALMIRSEDAGFVV ITGVMSRRYLCMDFRGNIFG SHYFDPENCRFQHQTLNGY DVYHSPQYHFLVSLGRAKRA FLPGMNPYPYSQFLSRNEI PLIHFNTPIPRRHTRSAEDD SERDPLNLVKPRARMT PAPA SCSQELPSAEDNSPMASDPL GVVRRGGRVNT HAGGTGPEGC RPF A KFI
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 25-251 of human FGF23 (NP_065689.1).

ADDITIONAL INFORMATION

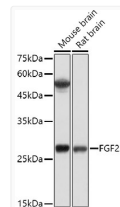
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunofluorescence analysis of NIH/3T3 cells using FGF23 antibody (STJ27877) at dilution of 1:25. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HepG2 cells using FGF23 antibody (STJ27877) at dilution of 1:25. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using FGF23 antibody (STJ27877) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.