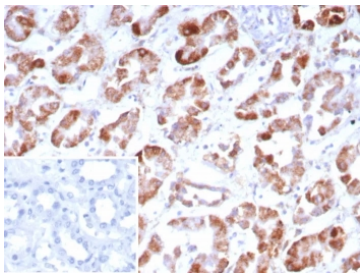
Fibroblast Growth Factor 23 Antibody / FGF-23 [clone FGF23/9059] (V5618)

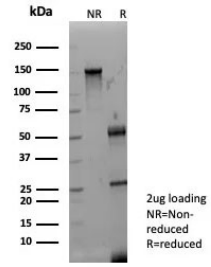
Catalog No.	Formulation	Size
V5618-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5618-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5618SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	FGF23/9059
Purity	Protein A/G affinity
UniProt	Q9GZV9
Localization	Secreted (extracellular)
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Fibroblast Growth Factor 23 antibody is available for research use only.



IHC staining of FFPE human kidney tissue with Fibroblast Growth Factor 23 antibody (clone FGF23/9059). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free Fibroblast Growth Factor 23 antibody (clone FGF23/9059) as confirmation of integrity and purity.

Description

Fibroblast growth factor-1 (FGF-1), also designated acidic FGF, and fibroblast growth factor-2 (FGF-2), also designated basic FGF, are members of a family of growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. Additional members of the FGF family include the oncogenes FGF-3 (Int2) and FGF-4 (hst/Kaposi), FGF-5, FGF-6, FGF-7 (KGF), FGF-8 (AIGF), FGF-9 (GAF) and FGF-10 through FGF-23. Members of the FGF family share 30-55% amino acid sequence identity and similar gene structure, and are capable of transforming cultured cells when overexpressed in transfected cells. Cellular receptors for FGFs are members of a second multigene family, including four tyrosine kinases designated Flg (FGFR-1), Bek (FGFR-L), TKF and FGFR-3.

Application Notes

Optimal dilution of the Fibroblast Growth Factor 23 antibody should be determined by the researcher.

Immunogen

A recombinant fragment (within amino acids 100-251) of human FGF23 protein was used as the immunogen for the Fibroblast Growth Factor 23 antibody.

Storage

Aliquot the Fibroblast Growth Factor 23 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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