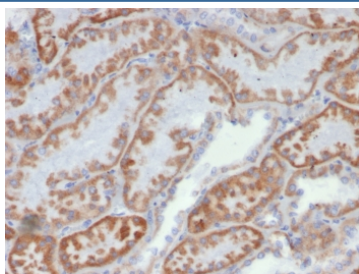


FGF23 Antibody / Fibroblast Growth Factor 23 [clone FGF23/6419] (V4272)

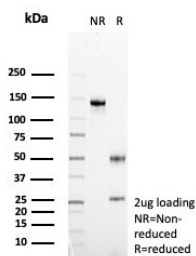
| Catalog No. | Formulation | Size |
|----------------|---|--------|
| V4272-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4272-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V4272SAF-100UG | 1 mg/ml in 1X PBS; 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 IgG1, kappa |
| Clone Name | FGF23/6419 |
| Purity | Protein A/G affinity |
| UniProt | Q9GZV9 |
| Localization | Secreted, Cytoplasm |
| Applications | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT |
| Limitations | This FGF23 antibody is available for research use only. |



IHC staining of FFPE human kidney tissue with FGF23/6419 at 2ug/ml. 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 FGF23 antibody (clone FGF23/6419) 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 FGF23 antibody should be determined by the researcher.

Immunogen

A recombinant partial protein sequence (within amino acids 1-251) from the human protein was used as the immunogen for the FGF23 antibody.

Storage

Aliquot the FGF23 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.