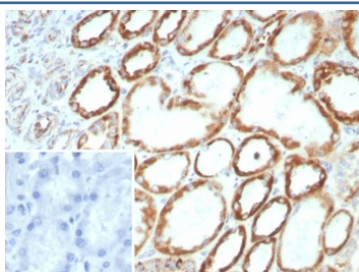


## FGF23 Antibody / Fibroblast Growth Factor 23 [clone FGF23/8939] (V5616)

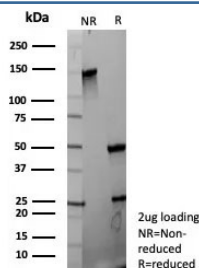
| Catalog No.    | Formulation                                                             | Size   |
|----------------|-------------------------------------------------------------------------|--------|
| V5616-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V5616-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug  |
| V5616SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                          | 100 ug |

[Bulk quote request](#)

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                       |
| <b>Species Reactivity</b> | Human                                                   |
| <b>Format</b>             | Purified                                                |
| <b>Clonality</b>          | Monoclonal (mouse origin)                               |
| <b>Isotype</b>            | Mouse IgG1, kappa                                       |
| <b>Clone Name</b>         | FGF23/8939                                              |
| <b>Purity</b>             | Protein A/G affinity                                    |
| <b>UniProt</b>            | Q9GZV9                                                  |
| <b>Localization</b>       | Secreted (extracellular)                                |
| <b>Applications</b>       | Immunohistochemistry (FFPE) : 1-2ug/ml                  |
| <b>Limitations</b>        | This FGF23 antibody is available for research use only. |



IHC staining of FFPE human kidney tissue with FGF23 antibody (clone FGF23/8939). 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 FGF23 antibody (clone FGF23/8939) 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

Recombinant full-length human FGF23 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.