

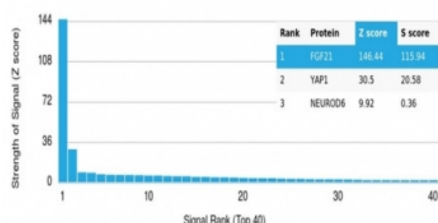
## Fibroblast Growth Factor 21 Antibody / FGF21 [clone FGF21/4343] (V9462)

| Catalog No.    | Formulation                                                             | Size   |
|----------------|-------------------------------------------------------------------------|--------|
| V9462-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V9462-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug  |
| V9462SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                          | 100 ug |

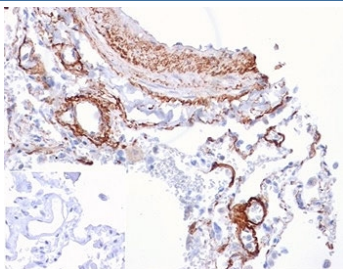
[Bulk quote request](#)

|                           |                                                                               |
|---------------------------|-------------------------------------------------------------------------------|
| <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>         | FGF21/4343                                                                    |
| <b>Purity</b>             | Protein A/G affinity                                                          |
| <b>UniProt</b>            | Q9NSA1                                                                        |
| <b>Localization</b>       | Secreted (extracellular)                                                      |
| <b>Applications</b>       | Immunohistochemistry (FFPE) : 1-2ug/ml                                        |
| <b>Limitations</b>        | This Fibroblast Growth Factor 21 antibody is available for research use only. |

Human Protein Microarray Specificity Validation



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using Fibroblast Growth Factor 21 antibody (clone FGF21/4343). These results demonstrate the foremost specificity of the FGF21/4343 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD $\pm$ s) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD $\pm$ s) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



IHC staining of FFPE human lung tissue with Fibroblast Growth Factor 21 antibody (clone FGF21/4343). Negative control inset: PBS instead of primary antibody to control for secondary binding. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

## Description

Fibroblast growth factor 21 is a protein that in humans is encoded by the FGF21 gene, a member of the fibroblast growth factor (FGF) family. FGF21 stimulates glucose uptake in adipocytes but not in other cell types.

## Application Notes

Optimal dilution of the Fibroblast Growth Factor 21 antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 91-209 was used as the immunogen for the Fibroblast Growth Factor 21 antibody.

## Storage

Aliquot the Fibroblast Growth Factor 21 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.