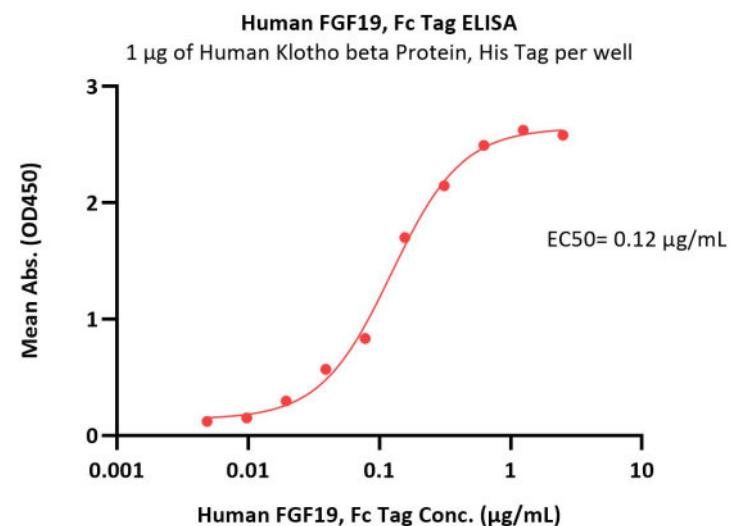
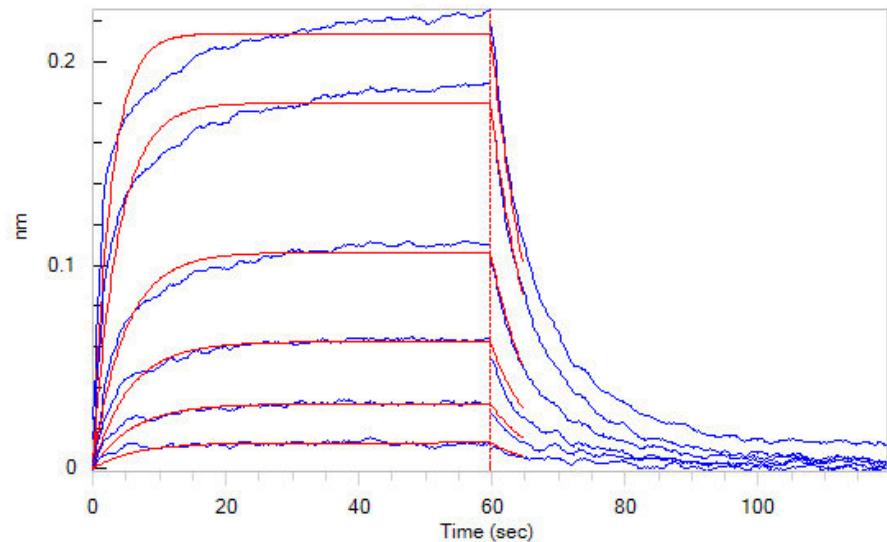


Bioactivity-ELISA



Immobilized Human Klotho beta Protein, His Tag (Cat. No. KLB-H52H4) at 10 μ g/mL (100 μ L/well) can bind Human FGF19, Fc Tag (Cat. No. FG9-H5253) with a linear range of 0.005-0.156 μ g/mL (QC tested).

Bioactivity-BLI



Loaded Human FGF19, Fc Tag (Cat. No. FG9-H5253) on Protein A Biosensor, can bind Human FGF R4, His Tag (Cat. No. FG4-H5228) with an affinity constant of 1 μ M as determined in BLI assay (ForteBio Octet Red96e) (Routinely tested).

Background

Fibroblast growth factor (FGF)19 is the first members of a new subfamily of FGFs and could act as hormones. During fetal life, FGF15/19 is involved in organogenesis, affecting the development of the ear, eye, heart, and brain. FGFs-FGFRs are involved in regulation of many biological processes such as embryonic development, cell proliferation, differentiation, and tissue repair. The dysregulation of FGF-FGFR was observed in different types of diseases, disorders, and cancers. Notably, aberrant expression of FGF19/FGFR4 contributes to Hepatocellular Carcinoma progression.

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