

Anti-FGF-19 Antibody (2F284)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2F284
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human FGF19 / FGF-19 protein (TMPY-02907)
Antigen Species:	Human
Synonyms:	FGF19;fibroblast growth factor 19

Research Background

FGF19, also known as FGF-19, is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF19 interacts with FGFR1, FGFR2, FGFR3 and FGFR4. Affinity between fibroblast growth factors (FGFs) and their receptors is increased by KL, KLB and heparan sulfate glycosaminoglycans that function as coreceptors. It interacts with KL and KLB directly. However, it interacts with FGFR4 in the presence of heparin, KL or KLB. FGF19 is involved in the suppression of bile acid biosynthesis through down-regulation of CYP7A1 expression, following positive regulation of the JNK and ERK1/2 cascades. It also stimulates glucose uptake in adipocytes.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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