

Anti-Fgf19(Fgf15) Antibody Fluoro488 Conjugated

Catalog Number: PB10062-Fluoro488

About Fgf19(Fgf15)

FGF15/19 refers to two orthologous fibroblast growth factors which share 50% amino acid identity and have similar functions. FGF15 was described in the mouse; FGF19 was found in humans and other species. They share physiological functions and so are often referred to as FGF15/19 or as FGF15/FGF19. They were first described in developing fetal brain. They are now known to be produced in the ileum, and under certain circumstances in the liver and biliary tree. It is thought their principal function is in response to bile acid absorption occurring after meals. FGF15 and FGF19 have similar roles in regulating bile acid synthesis and also glucose metabolism in the liver.

Overview

Product Name	Anti-Fgf19(Fgf15) Antibody Fluoro488 Conjugated
Reactive Species	Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (IHC). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q8VI81

Technical Details

Immunogen	E. coli-derived rat Fgf19(Fgf15) recombinant protein (Position: R26-K218). Rat Fgf19(Fgf15) shares 53.2% and 96.4% amino acid (aa) sequence identity with human and mouse FGF19, respectively.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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