

For Research Use Only

FGF19 Recombinant antibody

Catalog Number:84536-3-RR



Basic Information

Catalog Number: 84536-3-RR	GenBank Accession Number: BC017664	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 9965	CloneNo.: 241740E4
Source: Rabbit	UNIPROT ID: O95750	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: fibroblast growth factor 19	
Immunogen Catalog Number: HZ-1330	Calculated MW: 216 aa, 24 kDa	
	Observed MW: 24 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HT-29 cells,
Species Specificity: human	

Background Information

Fibroblast growth factor 19 (FGF19) is a member of the fibroblast growth factor family, which consists of proteins with diverse effects on development, organogenesis, and metabolism. FGF19 is unique within this family as it functions as an endocrine protein, circulating in the blood and acting on distant target tissues. It is produced in the distal ileum and secreted into the circulation after a meal, playing a role in controlling the enterohepatic circulation of bile acids and regulating hepatic protein and glycogen metabolism in an insulin-independent manner.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

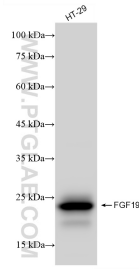
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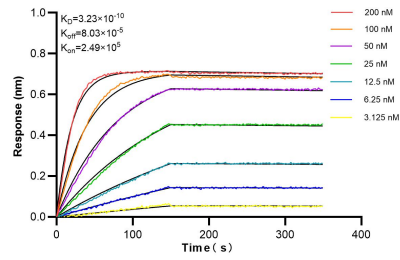
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Selected Validation Data



HT-29 cells were subjected to SDS PAGE followed by western blot with 84536-3-RR (FGF19 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84536-3-RR against Human FGF19 were performed. The affinity constant is 0.323 nM.