

Immunotag™ FGF-18 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT1697
Product Description	Immunotag™ FGF-18 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	FGF-18
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,IF,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human FGF18. AA range:151-200
Specificity	FGF-18 Polyclonal Antibody detects endogenous levels of FGF-18 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	FGF18
Accession No.	O76093 O89101
Alternate Names	FGF18; Fibroblast growth factor 18; FGF-18; zFGF5

Antibody Specification

Description	fibroblast growth factor 18(FGF18) Homo sapiens The protein encoded by this gene 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. It has been shown in vitro that this protein is able to induce neurite outgrowth in PC12 cells. Studies of the similar proteins in mouse and chick suggested that this protein is a pleiotropic growth factor that stimulates proliferation in a number of tissues, most notably the liver and small intestine. Knockout studies of the similar gene in mice implied the role of this protein in regulating proliferation and differentiation of midline cerebellar structures. [provided by RefSeq, Jul 2008],
Cell Pathway/ Category	MAPK_ERK_Growth,MAPK_G_Protein,Regulates Actin and Cytoskeleton,Pathways in cancer,Melanoma,
Protein Expression	Lung,Ovary,
Subcellular Localization	extracellular region,extracellular space,nucleolus,
Protein Function	function:Stimulates hepatic and intestinal proliferation.,similarity:Belongs to the heparin-binding growth factors family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.