

For Research Use Only

FGF18 Monoclonal antibody

Catalog Number: 60341-1-Ig **1 Publications**



Basic Information

Catalog Number: 60341-1-Ig	GenBank Accession Number: BC006245	Purification Method: Protein A purification
Size: 150ul , Concentration: 1188 µg/ml by Nanodrop;	GeneID (NCBI): 8817	CloneNo.: 1D11D12
Source: Mouse	Full Name: fibroblast growth factor 18	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG2a	Calculated MW: 207 aa, 24 kDa	
Immunogen Catalog Number: AG2041	Observed MW: 21 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : HT-1080 cells, NIH/3T3 cells
Cited Applications: WB	
Species Specificity: human, mouse, rabbit	
Cited Species: human	

Background Information

FGF18 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Kai Guo	35277183	J Exp Clin Cancer Res	WB

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

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



HT-1080 cells were subjected to SDS PAGE followed by western blot with 60341-1-Ig (FGF18 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.