

For Research Use Only

FGF18 Monoclonal antibody, PBS Only



Catalog Number: 60341-1-PBS

Basic Information

Catalog Number: 60341-1-PBS	GenBank Accession Number: BC006245	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8817	CloneNo.: 1D11D12
Source: Mouse	UNIPROT ID: O76093	
Isotype: IgG2a	Full Name: fibroblast growth factor 18	
Immunogen Catalog Number: AG2041	Calculated MW: 207 aa, 24 kDa	
	Observed MW: 21 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rabbit

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.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

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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. This data was developed using the same antibody clone with 60341-1-PBS in a different storage buffer formulation.