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; Source: Mouse Isotype: IgG2a Immunogen Catalog Number: AG2041	GenelD (NCBI): 8817	CloneNo.: 1D11D12		
		UNIPROT ID: 076093			
		Full Name: fibroblast growth factor 18 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.				

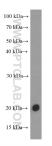
Storage

Storage: Store at -80°C. Storage Buffer: PBS Only

For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll freeE: proteintech@ptglab.comin USA), or 1(312) 455-8498 (outside USA)W: ptglab.com

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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.