

For Research Use Only

GDF10 Monoclonal antibody, PBS Only



Catalog Number: 66371-1-PBS

Basic Information

Catalog Number: 66371-1-PBS	GenBank Accession Number: BC028237	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2662	CloneNo.: 1B7D12
Source: Mouse	UNIPROT ID: P55107	
Isotype: IgG2a	Full Name: growth differentiation factor 10	
Immunogen Catalog Number: AG4906	Calculated MW: 53 kDa	
	Observed MW: 53 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, pig, rat

Background Information

Growth differentiation factor-10 (GDF10), also known as BMP3b, is a member of the transforming growth factor-b (TGF-b) superfamily. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This promotes neural repair after stroke. GDF10 plays a role in head formation and may have multiple roles in skeletal morphogenesis. Additionally, GDF10 may act as a tumor suppressor and reduced expression of this gene is associated with oral cancer.

Storage

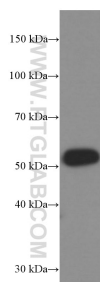
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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



pig bone marrow tissue were subjected to SDS PAGE followed by western blot with 66371-1-Ig (GDF10 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66371-1-PBS in a different storage buffer formulation.