

For Research Use Only

BMP5 Monoclonal antibody, PBS Only



Catalog Number: 66370-1-PBS

Basic Information

Catalog Number: 66370-1-PBS	GenBank Accession Number: BC027958	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 653	CloneNo.: 1G6C10
Source: Mouse	UNIPROT ID: P22003	
Isotype: IgG1	Full Name: bone morphogenetic protein 5	
Immunogen Catalog Number: AG3952	Calculated MW: 454 aa, 52 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, pig

Background Information

Bone morphogenetic protein-5 (BMP5), is a member of the TGF-beta superfamily. Bone morphogenetic proteins were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. These proteins are synthesized as prepropeptides, cleaved, and then processed into dimeric proteins. BMP5 may act as an important signaling molecule within the trabecular meshwork and optic nerve head, and may play a potential role in glaucoma pathogenesis. BMP5 is differentially regulated in multiple human cancers.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

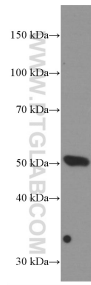
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Selected Validation Data



pig lung tissue were subjected to SDS PAGE followed by western blot with 66370-1-Ig (BMP5 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66370-1-PBS in a different storage buffer formulation.