

For Research Use Only

# BMPR2 Monoclonal antibody, PBS Only



Catalog Number: 68497-1-PBS

## Basic Information

Catalog Number: 68497-1-PBS	GenBank Accession Number: BC052985	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 659	CloneNo.: 2C1D7
Source: Mouse	UNIPROT ID: Q13873	
Isotype: IgG1	Full Name: bone morphogenetic protein receptor, type II (serine/threonine kinase)	
Immunogen Catalog Number: AG5868	Calculated MW: 115 kDa	
	Observed MW: 120-140 kDa	

## Applications

Tested Applications:  
WB, Indirect ELISA

Species Specificity:  
Human, mouse

## Background Information

BMPs (bone morphogenetic protein) are involved in endochondral bone formation and embryogenesis. BMPR2 encodes a member of the (BMP) receptor family of transmembrane serine/threonine kinases. It is a widely expressed receptor, with high mRNA expression during development in many tissues. The dimer of BMPR2 receptors (70-80 kD) forms a complex with a dimer of type I BMPR1(50-55 kD) in signal transduction. This antibody recognizes endogenous levels of total BMPR2 protein, including 115 kD precursor, 75 kD mature form, and 150 kD dimer.

## Storage

Storage:  
Store at -80°C.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS Only

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

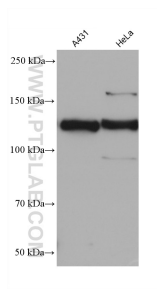
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

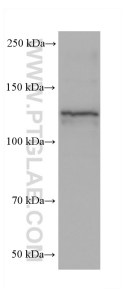
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68497-1-Ig (BMPR2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68497-1-PBS in a different storage buffer formulation.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 68497-1-Ig (BMPR2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68497-1-PBS in a different storage buffer formulation.