

For Research Use Only

BMPR2 Monoclonal antibody

Catalog Number: 68497-1-Ig



Basic Information

Catalog Number: 68497-1-Ig	GenBank Accession Number: BC052985	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 659	CloneNo.: 2C1D7
Source: Mouse	UNIPROT ID: Q13873	Recommended Dilutions: WB 1:5000-1:50000
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, ELISA	Positive Controls: WB : A431 cells, NIH/3T3 cells, HeLa cells
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

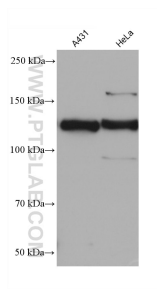
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

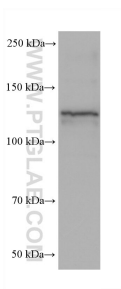
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.



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.