

For Research Use Only

BMPR2 Monoclonal antibody, PBS Only



Catalog Number: 68497-1-PBS

Basic Information

Catalog Number:

68497-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG5868

GenBank Accession Number:

BC052985

GeneID (NCBI):

659

UNIPROT ID:

Q13873

Full Name:

bone morphogenetic protein receptor, type II (serine/threonine kinase)

Calculated MW:

115 kDa

Observed MW:

120-140 kDa

Purification Method:

Protein A purification

CloneNo.:

2C1D7

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.

Storage Buffer:

PBS Only

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

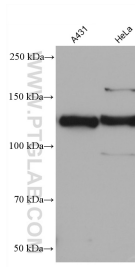
T: 4006900926

E: Proteintech-CN@ptglab.com

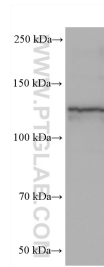
W: ptgcn.com

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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.