

Mouse BMPR2 Monoclonal Antibody | anti-BMPR2 antibody

BMPR2 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268521	Mouse	Human, Mouse, Rat, Monkey	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

BMPR2; Monoclonal Antibody; BMPR2 Mouse mAb; BMR2; PPH1; BMPR3; BRK-3; T-ALK; BMPR-II; FLJ41585; FLJ76945; anti-BMPR2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3F6
Purity/Purification	Ascitic Fluid
Form/Format	Liquid; Ascitic fluid containing 0.03% Sodium Azide.
Sequence Length	1038
Applicable Applications for anti-BMPR2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human BMPR2 expressed in E. Coli.
Conjugation	APC
Research Field	Signal Transduction
Preparation and Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of BMPR2 in SW1990 cells lysates using BMPR2 antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of BMPR2 (9A9) in Eca19 cells using BMPR2 (9A9) antibody(green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor555 phalloidin.

ADDITIONAL INFORMATION

Related Product Information for anti-BMPR2 antibody	This gene encodes a member of the bone morphogenetic protein (BMP) receptor family of transmembrane serine/threonine kinases. The ligands of this receptor are BMPs, which are members of the TGF-beta superfamily. BMPs are involved in endochondral bone formation and embryogenesis. These proteins transduce their signals through the formation of heteromeric complexes of two different types of serine (threonine) kinase receptors: type I receptors of about 50-55 kD and type II receptors of about 70-80 kD. Type II receptors bind ligands in the absence of type I receptors, but they require their respective type I receptors for signaling, whereas type I receptors require their respective type II receptors for ligand binding. Mutations in this gene have been associated with primary pulmonary hypertension, both familial and fenfluramine-associated, and with pulmonary venoocclusive disease. (provided by RefSeq)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15451916
NCBI GeneID	659
NCBI Accession #	NP_001195.2
NCBI GenBank Nucleotide #	NP_001195.2
UniProt Accession #	Q13873
Molecular Weight	Calculated MW: 115 kDa; Observed MW: 115 kDa
NCBI Official Full Name	bone morphogenetic protein receptor type-2
NCBI Official Synonym Full Names	bone morphogenetic protein receptor type 2
NCBI Official Symbol	BMPR2
NCBI Official Synonym Symbols	BMR2; PPH1; BMPR3; BRK-3; POVD1; T-ALK; BMPR-II
NCBI Protein Information	bone morphogenetic protein receptor type-2
UniProt Protein Name	Bone morphogenetic protein receptor type-2
UniProt Gene Name	BMPR2
UniProt Synonym Gene Names	PPH1; BMP type-2 receptor; BMPR-2; BMP type II receptor; BMPR-II
UniProt Entry Name	BMPR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/bmpr2-antibody-clone-3f6-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/268521>