

**产品名称: BMPR2 Mouse Monoclonal Antibody**  
**产品货号: AMM80963**



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | BMPR2 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody       |
| 宿主 (Host)              | Mouse                           |
| 应用 (Application)       | WB,IHC,ELISA                    |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat,Monkey          |

## 产品性能 (Performance)

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                             |
| 修饰 (Modification)   | Unmodified                                                                               |
| 同种型 (Isotype)       | Mouse IgG1                                                                               |
| 克隆 (Clonality)      | Monoclonal                                                                               |
| 形式 (Form)           | Liquid                                                                                   |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| 储存溶液 (Buffer)       | PBS containing 0.03% sodium azide.                                                       |
| 纯化方式 (Purification) | Affinity Purification                                                                    |

## 免疫原信息 (Immunogen)

|                        |                                                                           |
|------------------------|---------------------------------------------------------------------------|
| 基因名 (Gene Name)        | BMPR2                                                                     |
| 别名 (Alternative Names) | BMR2; PPH1; BMPR3; BRK-3; T-ALK; BMPR-II; FLJ41585; FLJ76945; BMPR2       |
| 基因 ID (Gene ID)        | 659.0                                                                     |
| 蛋白 ID (SwissProt ID)   | Q13873.Purified recombinant fragment of human BMPR2 expressed in E. Coli. |

## 产品应用 (Application)

|                          |                                                       |
|--------------------------|-------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 115kDa                                                |

## 研究背景 (Background)

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

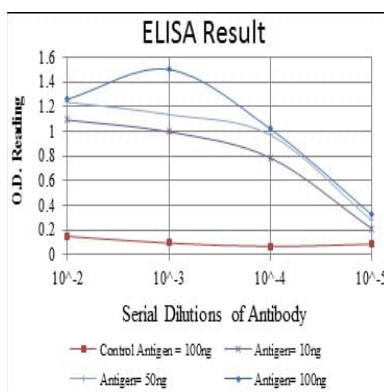
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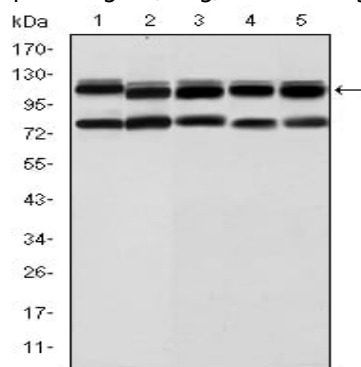
involved in endochondral bone formation and embryogenesis. These proteins transduce their signals through the formation of heteromeric complexes of two different types of serine (threonine) kinase receptors: type I receptors of about 50-55 kD and type II receptors of about 70-80 kD. Type II receptors 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)

## 研究领域 (Research Area)

## 图片 (Image Data)

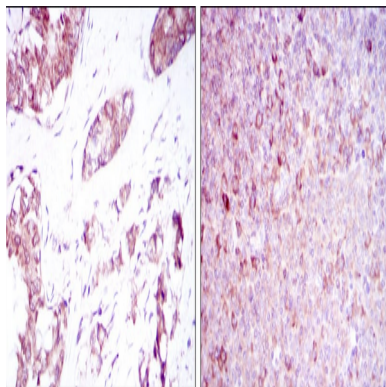


Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);

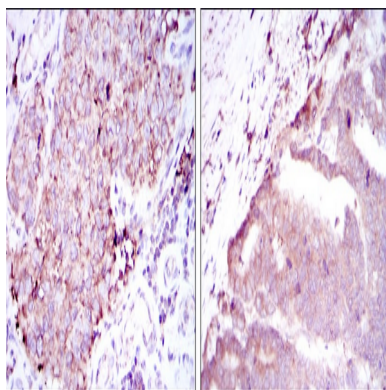


Western blot analysis using BMPR2 mouse mAb against Hela (1), A431 (2), NIH/3T3 (3), Cos7 (4) and PC-12 (5) cell lysate.

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Immunohistochemical analysis of paraffin-embedded human breast cancer tissues (left) and tonsil tissues (right) using BMPR2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human kidney cancer tissues (left) and stomach cancer tissues (right) using BMPR2 mouse mAb with DAB staining.

#### 注意事项 (Note)

For research use only .