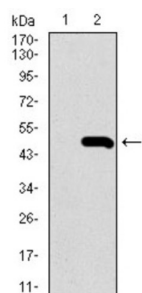
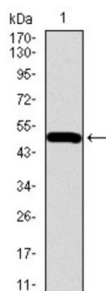


Bone Morphogenetic Protein Receptor 1A (BMPR1A) Antibody

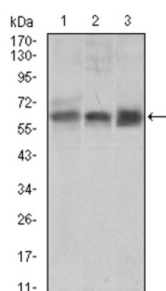
Catalogue No.: abx015776



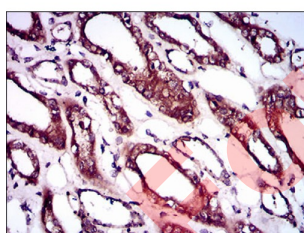
Western blot analysis using BMPR1A antibody against human BMPR1A recombinant protein. (Expected MW is 48.1 kDa).



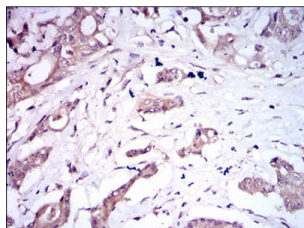
Western blot analysis using BMPR1A antibody against HEK293 (1) and BMPR1A (AA: 179-378) -hlgGfC transfected HEK293 (2) cell lysate.



Western blot analysis using BMPR1A antibody against PC-3 (1), K562 (2) cell lysate, and Mouse liver (3) tissue lysate.



Flow cytometric analysis of HeLa cells using BMPR1A antibody (green) and negative control (purple).

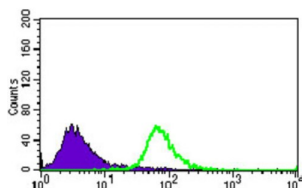


Immunohistochemical analysis of paraffin-embedded colon cancer tissues using BMPR1A antibody with DAB staining.

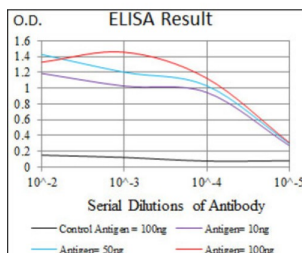
Datasheet

Version: 3.0.0

Revision date: 05 Sep 2025



Immunohistochemical analysis of paraffin-embedded kidney tissues using BMPR1A antibody with DAB staining.



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

The bone morphogenetic protein (BMP) receptors are a family of transmembrane serine/threonine kinases that include the type I receptors BMPR1A and BMPR1B and the type II receptor BMPR2. These receptors are also closely related to the activin receptors, ACVR1 and ACVR2. The ligands of these receptors are members of the TGF-beta superfamily. TGF-betas and activins transduce their signals through the formation of heteromeric complexes with 2 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.

Target: Bone Morphogenetic Protein Receptor 1A (BMPR1A)

Clonality: Monoclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, IHC, IF/ICC, FCM

Host: Mouse

Recommended dilutions: ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human BMPR1A (AA: 179-378) expressed in E. coli.

Isotype: IgG₁

Form: Liquid

Datasheet

Version: 3.0.0

Revision date: 05 Sep 2025



Purification: Unpurified ascites.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

GeneID: [657](#)

Molecular Weight: 60 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only