

Mouse anti-Human, Mouse BMPR1A Monoclonal Antibody | anti-BMPR1A antibody

Anti-BMPR1A Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14130	Mouse	Human, Mouse	Western Blot, Immunohistochemistry, Immunocytochemistry, Flow Cytometry, Functional Assay

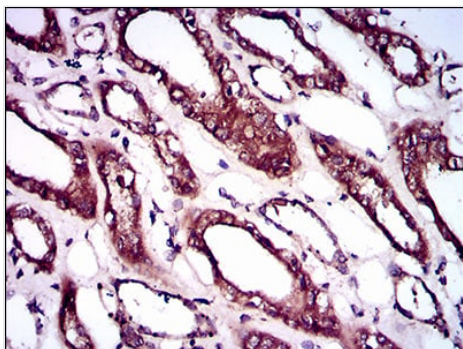
PRODUCT SYNONYMS

BMPR1A; Monoclonal Antibody; Anti-BMPR1A Mouse mAb; ALK3; SKR5; CD292; ACVRLK3; 10q23del; anti-BMPR1A antibody

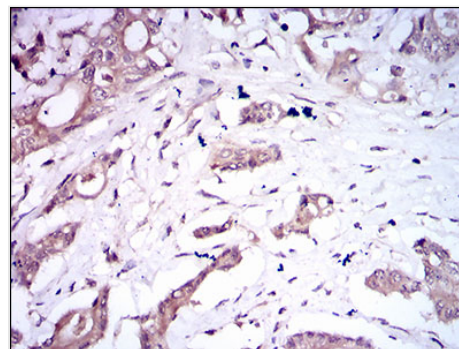
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4B7B2
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	532
Applicable Applications for anti-BMPR1A antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Purified recombinant fragment of human BMPR1A (AA: 179-378) expressed in E Coli.

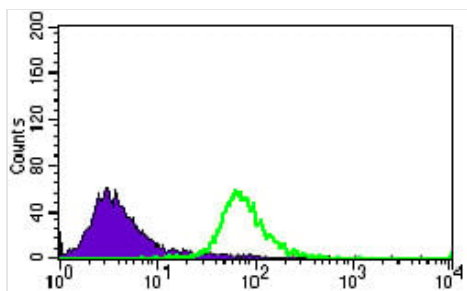
IMAGES


IHC (Immunohistochemistry)

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

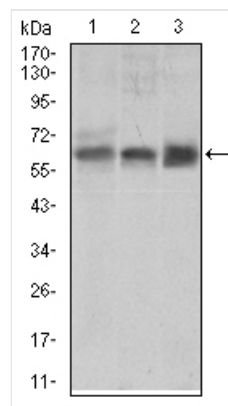

IHC (Immunohistochemistry)

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



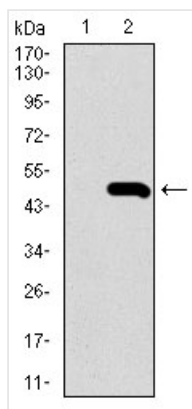
FCM (Flow Cytometry)

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



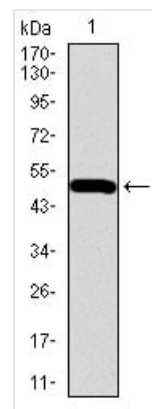
WB (Western Blot)

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



WB (Western Blot)

Western blot analysis using BMPR1A mAb against HEK293 (1) and BMPR1A (AA



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-BMPR1A antibody

Entrez Summary: 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	41349437
NCBI GeneID	657
NCBI Accession #	NP_004320.2
NCBI GenBank Nucleotide #	NM_004329.2
UniProt Accession #	P36894 ; Q8NEN8 ; A8K6U9
Molecular Weight	60
NCBI Official Full Name	bone morphogenetic protein receptor type-1A
NCBI Official Synonym Full Names	bone morphogenetic protein receptor type 1A

NCBI Official Symbol	BMPR1A
NCBI Official Synonym Symbols	ALK3; SKR5; CD292; ACVRLK3; 10q23del
NCBI Protein Information	bone morphogenetic protein receptor type-1A
UniProt Protein Name	Bone morphogenetic protein receptor type-1A
UniProt Gene Name	BMPR1A
UniProt Synonym Gene Names	ACVRLK3; ALK3; BMP type-1A receptor; BMPR-1A; ALK-3; SKR5

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/bmpr1a-antibody-clone-4b7b2-western-blot-immunohistochemistry-immunocytochemistry-flow-cytometry-elisa/14130>