

Mouse anti-Bovine Bone Morphogenetic Protein 2 (BMP2) Monoclonal Antibody | anti-BMP2 antibody

Monoclonal Antibody to Bone Morphogenetic Protein 2 (BMP2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151433	Mouse	Bovine	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

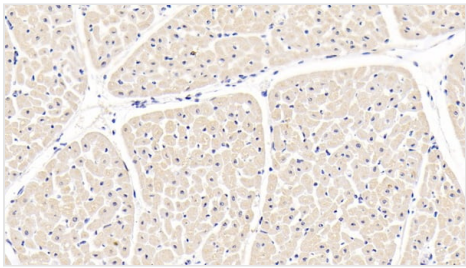
PRODUCT SYNONYMS

Bone Morphogenetic Protein 2 (BMP2); Monoclonal Antibody; Monoclonal Antibody to Bone Morphogenetic Protein 2 (BMP2); BMP2/Bone Morphogenetic Protein 2; BMP2A; Hemochromatosis Modifier; anti-BMP2 antibody

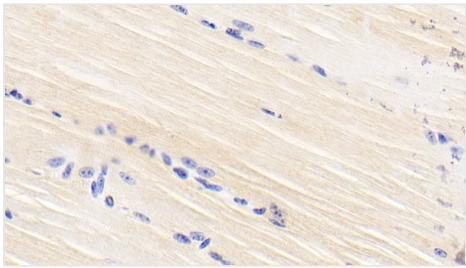
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Bovine
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C1
Specificity	The antibody is a mouse monoclonal antibody raised against BMP2. It has been selected for its ability to recognize BMP2 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-BMP2 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Leu24~Arg395
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHCP; Samples: Bovine Cardiac Muscle Tissue; Primary Ab: 30ug/ml Mouse AntiBovine BMP2 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



IHC (Immunohistochemistry)
DAB staining on IHCP; Samples: Bovine Skeletal muscle Tissue; Primary Ab: 30ug/ml Mouse AntiBovine BMP2 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

ADDITIONAL INFORMATION

Product Categories/Family for anti-BMP2 antibody	Developmental science; Bone metabolism; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	149642861
NCBI GeneID	615037
NCBI Accession #	NP_001092611.1
NCBI GenBank Nucleotide #	NM_001099141.1
UniProt Accession #	A5PJ19
Molecular Weight	44,556 Da
NCBI Official Full Name	bone morphogenetic protein 2
NCBI Official Symbol	BMP2
NCBI Protein Information	bone morphogenetic protein 2
UniProt Protein Name	BMP2 protein
UniProt Gene Name	BMP2

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/bone-morphogenetic-protein-2-bmp2-antibody-clone-c1-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151433>