

Mouse anti-Bovine Bone Morphogenetic Protein 3 (BMP3) Monoclonal Antibody | anti-BMP3 antibody

Monoclonal Antibody to Bone Morphogenetic Protein 3 (BMP3)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151789	Mouse	Bovine	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

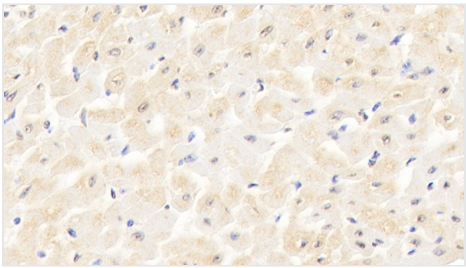
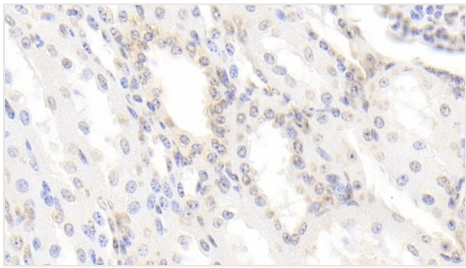
PRODUCT SYNONYMS

Bone Morphogenetic Protein 3 (BMP3); Monoclonal Antibody; Monoclonal Antibody to Bone Morphogenetic Protein 3 (BMP3); BMP3/Bone Morphogenetic Protein 3; BMP3A; Osteogenic; anti-BMP3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Bovine
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C2
Specificity	The antibody is a mouse monoclonal antibody raised against BMP3. It has been selected for its ability to recognize BMP3 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-BMP3 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Lys313~Ser471
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 Kidney Tissue; Primary Ab: 30ug/ml Mouse AntiBovine BMP3 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

IHC (Immunohistochemistry)
DAB staining on IHCP; Samples: Bovine Cardiac Muscle Tissue; Primary Ab: 30ug/ml Mouse AntiBovine BMP3 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

ADDITIONAL INFORMATION

Product Categories/Family for anti-BMP3 antibody	Developmental science; Bone metabolism; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300795805
NCBI GeneID	539527
NCBI Accession #	NP_001179197.1
NCBI GenBank Nucleotide #	NM_001192268.1
UniProt Accession #	P22444
Molecular Weight	53,501 Da
NCBI Official Full Name	bone morphogenetic protein 3
NCBI Official Synonym Full Names	bone morphogenetic protein 3
NCBI Official Symbol	BMP3
NCBI Official Synonym Symbols	BMP-3
NCBI Protein Information	bone morphogenetic protein 3
UniProt Protein Name	Bone morphogenetic protein 3
UniProt Gene Name	BMP3
UniProt Synonym Gene Names	BMP-3

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-3-bmp3-antibody-clone-c2-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151789>