

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

Monoclonal Antibody to Bone Morphogenetic Protein 3 (BMP3)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149566	Mouse	Human, Bovine	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

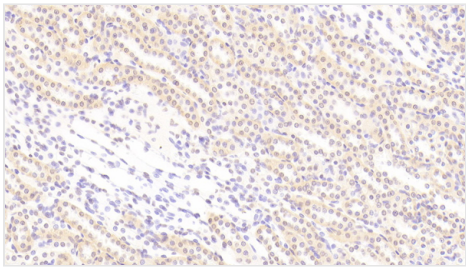
PRODUCT SYNONYMS

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

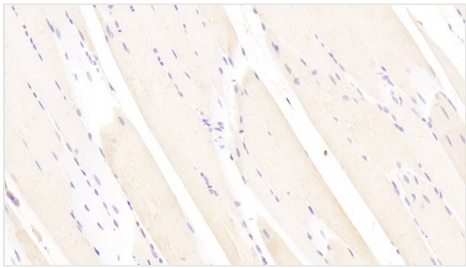
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Bovine
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	D3
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; PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Lys313~Ser 471
Applicable Applications for anti-BMP3 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Sequence	Lys313~Ser471
Cross Reactivity	Cattle
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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.

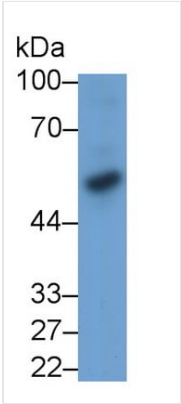
IMAGES



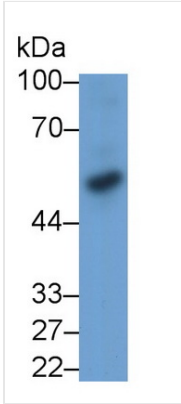
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Kidney Tissue; Primary Ab: 30?g/ml Mouse Anti-Bovine BMP3 AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Rat Skeletal muscle Tissue; Primary Ab: 30?g/ml Mouse Anti-Bovine BMP3 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: HeLa cell lysatePrimary Ab: 2?g/ml Mouse Anti-Bovine BMP3 AntibodySecond Ab: 0.2ug/mL HRP-Linked Rabbit Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: HeLa cell lysate Primary Ab: 2?g/ml Mouse Anti-Bovine BMP3 Antibody Second Ab:

ADDITIONAL INFORMATION

Product Categories/Family for anti-BMP3 antibody	Developmental Science; Bone Metabolism
--	--

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

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/bone-morphogenetic-protein-3-bmp3-antibody-clone-d3-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/149566>