

Mouse anti-Human Bone Morphogenetic Protein 7 (BMP7) Monoclonal Antibody | anti-BMP7 antibody

Monoclonal Antibody to Bone Morphogenetic Protein 7 (BMP7)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151625	Mouse	Human	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

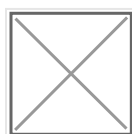
PRODUCT SYNONYMS

Bone Morphogenetic Protein 7 (BMP7); Monoclonal Antibody; Monoclonal Antibody to Bone Morphogenetic Protein 7 (BMP7); BMP7/Bone Morphogenetic Protein 7; OP1; Osteogenic Protein1; Eptotermin alfa; anti-BMP7 antibody

PRODUCT SPECIFICATIONS

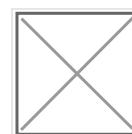
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C11
Specificity	The antibody is a mouse monoclonal antibody raised against BMP7. It has been selected for its ability to recognize BMP7 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + 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-BMP7 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Ser293~His431
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; Sample: Human Kidney Tissue; Primary Ab: 20ug/ml Mouse AntiHuman BMP7 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19



IHC (Immunohistochemistry)

DAB staining on IHCP; Sample: Human Renal cancer Tissue; Primary Ab: 20ug/ml Mouse AntiHuman BMP7 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19

ADDITIONAL INFORMATION

Product Categories/Family for anti-BMP7 antibody	Metabolic pathway; Developmental science; Bone metabolism; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502427
NCBI GeneID	655
NCBI Accession #	NP_001710.1
NCBI GenBank Nucleotide #	NM_001719.2
UniProt Accession #	P18075; Q9H512; Q9NTQ7
Molecular Weight	49,313 Da
NCBI Official Full Name	bone morphogenetic protein 7
NCBI Official Synonym Full Names	bone morphogenetic protein 7
NCBI Official Symbol	BMP7
NCBI Official Synonym Symbols	OP-1
NCBI Protein Information	bone morphogenetic protein 7; osteogenic protein 1
UniProt Protein Name	Bone morphogenetic protein 7
UniProt Gene Name	BMP7
UniProt Synonym Gene Names	OP1; BMP-7; OP-1
UniProt Entry Name	BMP7_HUMAN

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-7-bmp7-antibody-clone-c11-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151625>