

Mouse anti-Rat BMP2 Monoclonal Antibody | anti-BMP2 antibody

BMP2 Monoclonal Antibody

CATALOG # AAA174554	HOST Mouse	REACTIVITY Rat	APPLICATIONS Immunohistochemistry
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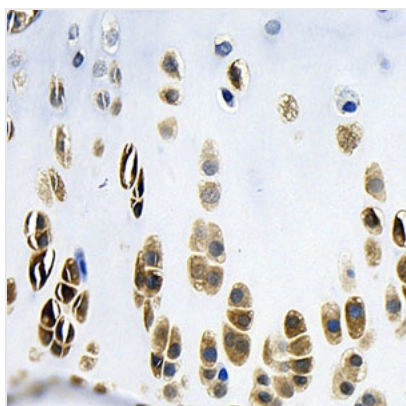
PRODUCT SYNONYMS

BMP2; Monoclonal Antibody; BMP2 Monoclonal Antibody; BDA2; BMP-2; BMP-2A; Bmp2; BMP2A; Bone morphogenetic protein 2; anti-BMP2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	2H6D12
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4
Sequence Length	396
Applicable Applications for anti-BMP2 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant protein corresponding to Mouse BMP2
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat bone using BMP2 Monoclonal Antibody at dilution of 1:400.

ADDITIONAL INFORMATION

Related Product Information for anti-BMP2 antibody	Bone morphogenetic protein-2 (BMP-2) is a member of the transforming growth factor-beta (TGFB) superfamily. BMP2 is synthesized as a 60 kDa precursor that is processed in the secretory pathway to a small 18 kDa monomer; 2 monomers then associate to form the active 30 kDa homodimer, which binds to its receptor. There is also a 40-45 kDa form of BMP2, as an amino-terminal propeptide. BMP2 can induce bone formation and regeneration during early embryonic development. It is involved in the hedgehog pathway, TGF beta signaling pathway, and cytokine-cytokine receptor interaction.
Product Categories/Family for anti-BMP2 antibody	Cancer; Cardiovascular; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557369
NCBI GeneID	650
NCBI Accession #	NP_001191.1
NCBI GenBank Nucleotide #	NM_001200.4
UniProt Accession #	P12643; P21274; P49001
NCBI Official Full Name	bone morphogenetic protein 2 preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 2
NCBI Official Symbol	BMP2
NCBI Official Synonym Symbols	BDA2; BMP2A; SSFSC
NCBI Protein Information	bone morphogenetic protein 2
UniProt Protein Name	Bone morphogenetic protein 2
UniProt Gene Name	BMP2
UniProt Synonym Gene Names	BMP2A; BMP-2; BMP-2A

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/bmp2-antibody-clone-2h6d12-immunohistochemistry-elisa/174554>