



# BMP-6 Monoclonal Antibody

Catalog No	BYmab-16068
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	BMP6
Protein Name	Bone morphogenetic protein 6
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human BMP6. AA range:341-390
Specificity	BMP-6 Monoclonal Antibody detects endogenous levels of BMP-6 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BMP6; VGR; Bone morphogenetic protein 6; BMP-6; VG-1-related protein; VG-1-R; VGR-1
Observed Band	60kD
Cell Pathway	Secreted .
Tissue Specificity	Bone,PCR rescued clones,
Function	function:Induces cartilage and bone formation.,online information:Bone morphogenetic protein 6 entry,similarity:Belongs to the TGF-beta family.,subunit:Interacts with SOSTDC1.,
Background	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein regulates a wide range of biological processes including iron homeostasis, fat and bone development, and ovulation. Differential

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expression of this gene may be associated with progression of breast and prostate cancer. Mutations in this gene may be associated with iron overload in human patients. [provided by RefSeq, Jul 2016],

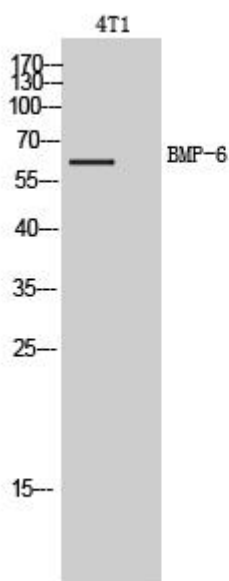
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using BMP-6 Monoclonal Antibody