



BMP-3A Monoclonal Antibody

| Catalog No | BYmab-16017 |
|--------------------|--|
| Isotype | lgG |
| Reactivity | Human;Mouse;Rat |
| Applications | WB |
| Gene Name | BMP3 |
| Protein Name | Bone morphogenetic protein 3 |
| Immunogen | The antiserum was produced against synthesized peptide derived from the C-terminal region of human BMP3. AA range:421-470 |
| Specificity | BMP-3A Monoclonal Antibody detects endogenous levels of BMP-3A 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 | BMP3; BMP3A; Bone morphogenetic protein 3; BMP-3; Bone morphogenetic protein 3A; BMP-3A; Osteogenin |
| Observed Band | 53kD |
| Cell Pathway | Secreted. |
| Tissue Specificity | Expressed in adult and fetal cartilage. |
| Function | function:Negatively regulates bone density. Antagonizes the ability of certain osteogenic BMPs to induce osteoprogenitor differentitation and ossification.,induction:Highly expressed in fracture tissue, particularly in osteoblasts, osteoclasts and chondroblasts.,online information:Bone morphogenetic protein 3 entry,similarity:Belongs to the TGF-beta family.,subunit:Homodimer; disulfide-linked.,tissue specificity:Expressed in adult and fetal cartilage., |
| 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 |
| | Nanjing BYabscience technology Co.,Ltd |

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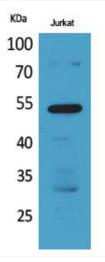
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| | factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein suppresses osteoblast differentiation, and negatively regulates bone density, by modulating TGF-beta receptor availability to other ligands. [provided by RefSeq, Jul 2016], |
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| 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-3A Monoclonal Antibody

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