

## BMP3

**Catalog Number:** 26051

**Gene Symbol:** BMP3

**Description:** Anti-BMP3 Mouse Monoclonal Antibody

**Background:** BMP3 belongs to the TGF-beta family. It negatively regulates bone density and antagonizes the ability of certain osteogenic BMPs to induce osteoprogenitor differentiation and ossification. BMP3 is secreted and highly expressed in fracture tissue, particularly in osteoblasts, osteoclasts and chondroblasts.

**Immunogen:** A synthetic peptide near the N-terminus of BMP3, human origin.

**Tested applications:** ELISA, WB, IHC, IP

**Recommended dilutions:**

ELISA: 1:1000-1:5000

WB: 1:1000-1:5000

IHC: 1:50-1:100

**Concentration:** 1 mg/ml

**Host:** Mouse

**Clonality:** Monoclonal

**Purity:** Purified from ascites

**Format:** Liquid

**Storage buffer:**

Preservative: no

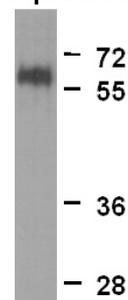
Constituents: PBS (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150 mM NaCl, 50% glycerol

**Species Reactivity:** Anti-BMP3 antibody recognizes BMP3 of vertebrates.

**Storage Conditions:** Store at  $-20^{\circ}C$ . Avoid freeze / thaw cycles.

### Western blot:

#### BMP3 protein



WB: Anti-BMP3 mAb

Western blot analysis of recombinant BMP3 protein. Purified His-tagged BMP3 protein (Cat. #10194) was blotted with anti-BMP3 monoclonal antibody (Cat. #26051).