

BMP4 Ab

[Images\(1\)](#)

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|---------------|-----------------|-----------------------|
| Cat.#: BF0696 | Concn.: ~1mg/ml | Mol.Wt.: 64kDa |
| Size: | Source: Mouse | Clonality: Monoclonal |

Application: ELISA 1:10000, WB 1:500-1:2000

*The optimal dilutions should be determined by the end user.

Reactivity: Human

Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human BMP4 expressed in E. Coli.

Uniprot: P12644

Description: The protein encoded by this gene is a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily. The superfamily includes large families of growth and differentiation factors. BMPs (bone morphogenetic proteins) belong to the TGF beta superfamily of structurally related signaling proteins. Members of this superfamily are widely represented throughout the animal kingdom and have been implicated in a variety of developmental processes. Proteins of the TGF beta superfamily are disulfide-linked dimers composed of two 12-15 kDa polypeptide chains. As implied by their name, BMPs initiate, promote and regulate bone development, growth, remodeling and repair.

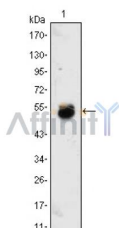


Figure 1: Western blot analysis using BMP4 mouse mAb against BMP4-hlgGfc transfected HEK293 cell lysate.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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