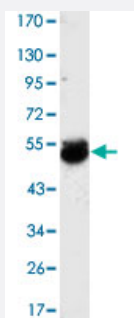


BMP4 monoclonal antibody, clone 10F4B4

Catalog # MAB10507 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis using BMP4 monoclonal antibody, clone 10F4B4 (Cat # MAB10507) against BMP4-hlgGfc transfected HEK293 cell lysate.

Specification

Product Description Mouse monoclonal antibody raised against partial recombinant BMP4.

Immunogen Recombinant protein corresponding to human BMP4.

Host Mouse

Theoretical MW (kDa) 64

Reactivity Human

Form Liquid

Isotype IgG1

Recommend Usage ELISA (1:10000)
Western Blot (1:500-1:2000)
The optimal working dilution should be determined by the end user.

Storage Buffer In ascites (0.03% sodium azide)

Storage Instruction Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis using BMP4 monoclonal antibody, clone 10F4B4 (Cat # MAB10507) against BMP4-hlgGfc transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — BMP4

Entrez GeneID [652](#)

Gene Name BMP4

Gene Alias BMP2B, BMP2B1, MCOPS6, ZYME

Gene Description bone morphogenetic protein 4

Omim ID [112262](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. Bone morphogenetic proteins were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. This particular family member plays an important role in the onset of endochondral bone formation in humans, and a reduction in expression has been associated with a variety of bone diseases, including the heritable disorder Fibrodysplasia Ossificans Progressiva. Alternative splicing in the 5' untranslated region of this gene has been described and three variants are described, all encoding an identical protein. [provided by RefSeq]

Other Designations bone morphogenetic protein 2B

Pathway

- [Basal cell carcinoma](#)
- [Cytokine-cytokine receptor interaction](#)

- [Hedgehog signaling pathway](#)
- [Pathways in cancer](#)
- [TGF-beta signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Anemia](#)
- [Bone Diseases](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coloboma](#)
- [Colorectal Neoplasms](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Gaucher disease](#)
- [Genetic Predisposition to Disease](#)
- [Hemochromatosis](#)
- [Hypospadias](#)
- [Kidney Failure](#)
- [Malignant melanoma](#)
- [Melanoma](#)

- [Metabolic Syndrome X](#)
- [Microphthalmos](#)
- [Neoplasms](#)
- [Neural Tube Defects](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Prenatal Exposure Delayed Effects](#)
- [Puberty](#)
- [Skin Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)