

Basic Information

Product Name	Anti-BMP4 Antibody (Clone#OTI6B7)
Gene Name	BMP4
Source	Mouse
Clonality	Monoclonal
Isotype	IgG1
Species Reactivity	human, mouse, rat
Tested Application	WB, ICC/IF
Contents	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Recombinant fragment expressed in E.coli corresponding to amino acids 293-408 of human BMP4
Concentration	0.42 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	47 kDa
Dilution Ratios	Western blot (WB): 1:1000 Immunocytochemistry/Immunofluorescence (ICC/IF):1:100

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

BMP4 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.

Product datasheet

Anti-BMP4 Antibody (Clone#OTI6B7)

Catalog Number: **MA00321**

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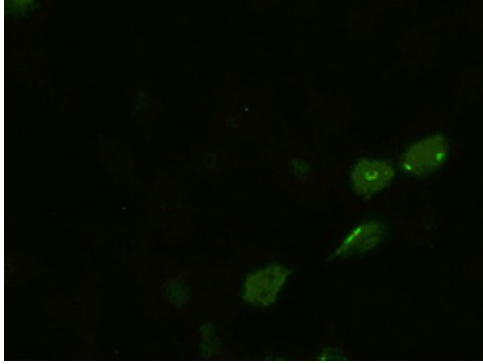
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY

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Selected Validation Data



Anti-BMP4 mouse monoclonal antibody immunofluorescent staining of HeLa cells transiently transfected by pCMV6-ENTRY BMP4