

BMP-7 Antibody

*Bone Morphogenetic Protein-7 Polyclonal Rabbit Anti Human Antibody
ABP0004*

Product Overview

Name BMP-7 Antibody

Description

Bone Morphogenetic Protein-7 Polyclonal Rabbit Anti Human Antibody

Immunogen

Anti-human BMP8B mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human BMP8B protein 264-402 amino acids purified from E. coli.

Synonyms

Bone morphogenetic protein 8B, BMP-8, BMP-8B, Osteogenic protein 2, OP-2, BMP8B, BMP8, Bone Morphogenetic protein-8b, OP2.

Introduction

Bone Morphogenetic protein-8b (BMP8B) belongs to a family of secreted signaling molecules which can induce ectopic bone growth. BMP8B is known for having a possible bone inductive activity as it is related to BMP5 and BMP7. BMP8B is the osteoinductive factor accountable for epithelial osteogenesis.

Physical Appearance

Sterile filtered colorless solution.

Formulation

1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.

Applications

BMP8B antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution is 1:1000.

Type

Mouse Anti Human Monoclonal.

Clone

PAT13E6AT.

Ig Subclass

Mouse IgG 2a heavy chain and k light chain.

Purification Method

BMP8B antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.

Storage Procedures

For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Stability / Shelf Life

12 months at -20°C. 1 month at 4°C.

Precautions

BMP-7 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.