



Mouse Anti-Human BMP4 Monoclonal Antibody, clone 4C6B8 [Functional Grade] (CABT-Z736M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Human Humankine BMP-4 protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4C6B8
Purification	Protein G purified
Conjugate	Functional Grade
Applications	Neut, ELISA
Reconstitution	Reconstitute at 1.0 mg/mL in sterile H ₂ O before use.
Format	Lyophilized
Size	100 µg
Buffer	Sterile PBS. Endotoxin level <0.1 EU/µg.
Preservative	None
Storage	Lyophilized antibodies are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be

avoided with reconstituted products.

Ship Wet ice

BACKGROUND

Introduction BMP4, also named as BMP2B and DVR4, belongs to the TGF-beta family. BMPs have been shown to promote astrogial differentiation both in vitro and in vivo. BMP4 have been shown to be components of serum and are thought to be responsible for this differentiation. BMP4 are expressed mainly in neurons, with minimal expression detected in astrocytes and oligodendrocytes.

Keywords BMP4;bone morphogenetic protein 4;ZYME;BMP2B;OFC11;BMP2B1

GENE INFORMATION

Gene Name BMP4

Entrez Gene ID [652](#)

UniProt ID [P12644](#)
