



# 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

<b>Immunogen</b>	Human Humankine BMP-4 protein
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	4C6B8
<b>Purification</b>	Protein G purified
<b>Conjugate</b>	Functional Grade
<b>Applications</b>	Neut, ELISA
<b>Reconstitution</b>	Reconstitute at 1.0 mg/mL in sterile H2O before use.
<b>Format</b>	Lyophilized
<b>Size</b>	100 µg
<b>Buffer</b>	Sterile PBS. Endotoxin level <0.1 EU/µg.
<b>Preservative</b>	None
<b>Storage</b>	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.

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Ship	Wet ice
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## BACKGROUND

Introduction	BMP4, also named as BMP2B and DVR4, belongs to the TGF-beta family. BMPs have been shown to promote astroglial 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.
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Keywords	BMP4;bone morphogenetic protein 4;ZYME;BMP2B;OFC11;BMP2B1
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## GENE INFORMATION

Gene Name	BMP4
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Entrez Gene ID	<a href="#">652</a>
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UniProt ID	<a href="#">P12644</a>
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