

Anti-BMP4 antibody

Cat. No.	ml163284
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-BMP4 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human BMP4
Reactivity	Human, Mouse, Rat
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	BMP4
Full name	bone morphogenetic protein 4
Synonyms	ZYME; BMP2B; OFC11; BMP2B1; MCOPS6
Swissprot	P12644

Target Background

This gene encodes a member of the bone morphogenetic protein (BMP) family of proteins, which is part of the transforming growth factor-beta (TGF-beta) superfamily. Members of the BMP family play an important role in bone and cartilage development. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. Mutations in this gene are associated with orofacial cleft and microphthalmia in human patients. The encoded protein may also be involved in the pathology of multiple cardiovascular diseases and human cancers. Alternative splicing results in multiple transcript variants.

订购热线: 4008-898-798

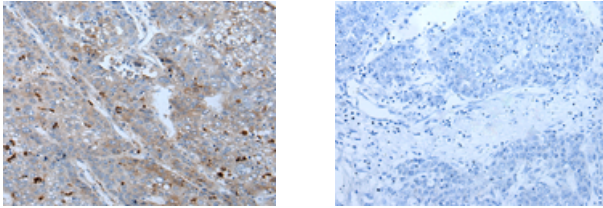
Applications

Immunohistochemistry

Predicted cell location: Secreted

Positive control: Human liver cancer

Recommended dilution: 20-100



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml163284(BMP4 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 47 kDa

Positive control: Hela cell lysate

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

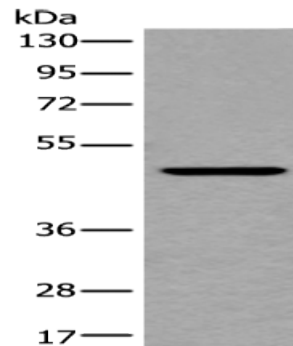
Lysate: 40 μ g

Lane: Hela cell lysate

Primary antibody: ml163284(BMP4 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 5000-10000

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