

Recombinant

DGRmAb®

BMP4 (DGR15418) Rabbit mAb (PBS Only)

db12985-PBS

Package : 100µg

Product Name : BMP4 (DGR15418) Rabbit mAb (PBS Only)**Cat.No.:** db12985-PBS**Synonyms** : ZYME; BMP2B; OFC11; BMP2B1; MCOPS6**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein regulates heart development and adipogenesis. 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. [provided by RefSeq, Jul 2016]

Immunogen

A synthetic peptide of human BMP4

Gene ID

652

Swiss Prot

P12644

Synonyms

ZYME; BMP2B; OFC11; BMP2B1; MCOPS6

Reactivity

Human

Application

WB, IHC-P, ICC/IF, FC, IP

Calculated MW

47 kDa

Observed MW

47 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR15418

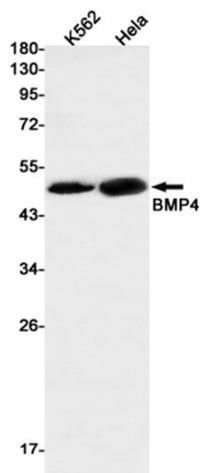
Isotype

IgG

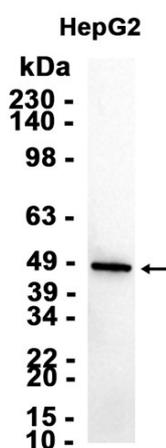
Purity

Affinity Purification

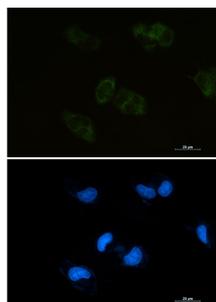
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of BMP4 in K562, HeLa cell lysates using BMP4 antibody (1:500 diluted).



Western blot analysis of extracts from HepG2 cells using db12985 at 1:5000.



Immunofluorescent analysis of HepG2 cells using db12985 antibody (green), and DAPI (blue).