

Recombinant

DGRmAb®

BMP7 (DGR34021) Rabbit mAb (PBS Only)

db12990-PBS

Package : 100µg

Product Name : BMP7 (DGR34021) Rabbit mAb (PBS Only)**Cat.No.:** db12990-PBS**Synonyms** : OP-1**Application** : WB, 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, which plays a role in bone, kidney and brown adipose tissue development. Additionally, this protein induces ectopic bone formation and may promote fracture healing in human patients. [provided by RefSeq, Jul 2016]

Immunogen

Recombinant protein of human BMP7

Gene ID

655

Swiss Prot

P18075

Synonyms

OP-1

Reactivity

Human

Application

WB, IP

Calculated MW

49 kDa

Observed MW

49 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR34021

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.

MCF-7

kDa

180 -

130 -

100 -

70 -

55 -

40 - ←

35 -

25 -

Western blot analysis of extracts from MCF-7 cells using [db12990](#) at 1:1000.