

Recombinant

DGRmAb®

**GDF7 (DGR20674) Rabbit mAb**

db14253

Package : 10µL 20µL 50µL 100µL

**Product Name** : GDF7 (DGR20674) Rabbit mAb**Cat.No.:** db14253**Synonyms** : BMP12**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human,Mouse,Rat**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 may play a role in the differentiation of tendon cells and spinal cord interneurons. A mutation in this gene may be associated with increased risk for Barrett's esophagus and esophageal adenocarcinoma. [provided by RefSeq, Sep 2016]

**Immunogen**

A synthetic peptide of human GDF7

**Gene ID**

151449

**Swiss Prot**

Q7Z4P5

**Synonyms**

BMP12

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:500-1:2000

ICC/IF: 1:50

**Calculated MW**

47 kDa

**Observed MW**

47 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR20674

<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.