

**GDF2/BMP9 Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF2759a

**Specification**

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**GDF2/BMP9 Antibody (internal region) - Product Information**

Application	E
Primary Accession	<a href="#">O9UK05</a>
Other Accession	<a href="#">NP_057288.1</a> , <a href="#">2658</a>
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	47320

**GDF2/BMP9 Antibody (internal region) - Additional Information**

**Gene ID** 2658

**Other Names**

Growth/differentiation factor 2, GDF-2, Bone morphogenetic protein 9, BMP-9, GDF2, BMP9

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

GDF2/BMP9 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**GDF2/BMP9 Antibody (internal region) - Protein Information**

**Name** GDF2

**Synonyms** BMP9

**Function**

Potent circulating inhibitor of angiogenesis. Signals through the type I activin receptor ACVRL1 but not other Alks. Signaling through SMAD1 in endothelial cells requires TGF-beta coreceptor endoglin/ENG.

**Cellular Location**

Secreted

**Tissue Location**

Detected in blood plasma (at protein level).

**GDF2/BMP9 Antibody (internal region) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**GDF2/BMP9 Antibody (internal region) - Images****GDF2/BMP9 Antibody (internal region) - References**

BMP-9 signals via ALK1 and inhibits bFGF-induced endothelial cell proliferation and VEGF-stimulated angiogenesis. Scharpfenecker M, van Dinther M, Liu Z, van Bezooijen RL, Zhao Q, Pukac L, Löwik CW, ten Dijke P. J Cell Sci. 2007 Mar 15;120(Pt 6):964-72. Epub 2007 Feb 20. PMID: 17311849