

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

GDF2/BMP9 Antibody (internal region) - Product Information

Application	E
Primary Accession	O9UK05
Other Accession	NP_057288.1 , 2658
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