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GOAT ANTI-GDF2/BMP9 ANTIBODY

SKU: EB08527

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	GDF2|growth differentiation factor 2|BMP-9|BMP9|bone morphogenetic protein 9
Accession ID	NP_057288.1
Blocking Peptide	EBP08527
Immunogen	Peptide with sequence C-KRWVRSDSTKSK, from the internal region of the protein sequence according to NP_057288.1.
Peptide Sequence	C-KRWVRSDSTKSK
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human
Human Gene ID	2658
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:4000.
Western Blot	Preliminary experiments gave an approx 27kDa band in Human Bone Marrow, Liver, and Brain (cerebellum) lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 47.3kDa according to NP_057288.1. The 27kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?
Application Type	Pep-ELISA

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DOCUMENTS

- Data Sheet