

GDF10 rabbit monoclonal antibody

Catalog # H00002662-K Size 100 ug x up to 3

Specification

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| Product Description | Rabbit monoclonal antibody raised against a human GDF10 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human GDF10 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence. |
| Host | Rabbit |
| Library Construction | Non-fusion antibody library from rabbit spleen (ARM Technology). |
| Expression | Overexpression vector and transfection into 293H cell line. |
| Reactivity | Human |
| Purification | Protein A |
| Isotype | IgG |
| Quality Control Testing | Antibody reactive against human GDF10 peptide by ELISA and mammalian transfected lysate by Western Blot. |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| Deliverable | Up to three rabbit IgG clones of 100 ug each will be delivered to customer. |
| Note | 1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request. |

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — GDF10

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| Entrez GeneID | 2662 |
| GeneBank Accession# | GDF10 |
| Gene Name | GDF10 |
| Gene Alias | BMP-3b, BMP3B |
| Gene Description | growth differentiation factor 10 |
| Omim ID | 601361 |
| Gene Ontology | Hyperlink |
| Gene Summary | The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in mice suggest that the protein encoded by this gene plays a role in skeletal morphogenesis. [provided by RefSeq] |
| Other Designations | OTTHUMP00000019534 bone morphogenetic protein 3B |

Disease

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