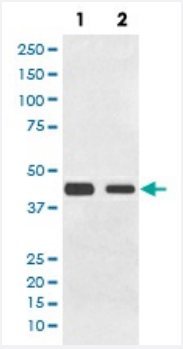
# GDF11 monoclonal antibody, clone AOAG-7

Catalog # MAB19625 Size 100 uL

## Applications




### Western Blot (Cell lysate)

Western blot analysis of (1) HeLa cell lysate; (2) C6 cell lysate with GDF11 monoclonal antibody.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit monoclonal antibody raised against synthetic peptide of human GDF11. |
| **Immunogen** | A synthetic peptide corresponding to human GDF11. |
| **Host** | Rabbit |
| **Reactivity** | Human, Rat |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunocytochemistry (1:50-1:200)<br>Immunofluorescence (1:50-1:200)<br>Immunohistochemistry (1:50-1:200)<br>Western Blot (1:500-1:2000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |

| | |
|---|---|
| **Storage Instruction** | Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Western Blot (Cell lysate)

  Western blot analysis of (1) HeLa cell lysate; (2) C6 cell lysate with GDF11 monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry
- Immunofluorescence

## Gene Info — GDF11

| | |
|---|---|
| **Entrez GeneID** | 10220 |
| **Protein Accession#** | O95390 |
| **Gene Name** | GDF11 |
| **Gene Alias** | BMP-11, BMP11 |
| **Gene Description** | growth differentiation factor 11 |
| **Omim ID** | 603936 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family a nd the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic pr ocessing site which is cleaved to produce a mature protein containing seven conserved cysteine r esidues. The members of this family are regulators of cell growth and differentiation in both embry onic and adult tissues. Studies in mice and Xenopus suggest that this protein is involved in meso dermal formation and neurogenesis during embryonic development. [provided by RefSeq |
| **Other Designations** | bone morphogenetic protein 11 |

## Disease

- Genetic Predisposition to Disease
- Obesity
- Ovarian Failure
- Polycystic Ovary Syndrome
- Puberty
- Thrombophilia
- Tobacco Use Disorder