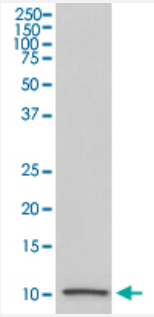
# IGF2 monoclonal antibody, clone IGE-9

Catalog # MAB20363 Size 100 uL

## Applications




### Western Blot (Tissue lysate)

Western Blot analysis of human serum lysate with IGF2 monoclonal antibody, clone IGE-9 (Cat # MAB20363).

## Specification

| | |
|---|---|
| **Product Description** | Rabbit monoclonal antibody raised against synthetic peptide of IGF2. |
| **Immunogen** | A synthetic peptide corresponding to IGF2. |
| **Host** | Rabbit |
| **Theoretical MW (kDa)** | 20.14 |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunocytochemistry (1:50-1:100)<br>Immunofluorescence (1:50-1:100)<br>Western Blot (1:500-1:2000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide). |

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| | |
|---|---|
| **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

- Immunofluorescence
- Immunocytochemistry
- Western Blot (Tissue lysate)

  Western Blot analysis of human serum lysate with IGF2 monoclonal antibody, clone IGE-9 (Cat # MAB20363).

## Gene Info — IGF2

| | |
|---|---|
| **Entrez GeneID** | 3481 |
| **Protein Accession#** | P01344 |
| **Gene Name** | IGF2 |
| **Gene Alias** | C11orf43, FLJ22066, FLJ44734, INSIGF, pp9974 |
| **Gene Description** | insulin-like growth factor 2 (somatomedin A) |
| **Omim ID** | 147470 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene encodes a member of the insulin family of polypeptide growth factors that is involved in development and growth. It is an imprinted gene and is expressed only from the paternally inherite d allele. It is a candidate gene for eating disorders. There is a read-through, INS-IGF2, which align s to this gene at the 3' region and to the upstream INS gene at the 5' region. Alternatively spliced t ranscript variants, encoding either the same or different isoform, have been found for this gene. [p rovided by RefSeq |
| **Other Designations** | OTTHUMP00000011012\|OTTHUMP00000011015\|OTTHUMP00000011018\|OTTHUMP000000 11157\|insulin-like growth factor 2\|insulin-like growth factor II\|insulin-like growth factor type 2\|putativ e insulin-like growth factor II associated protein\|somatomedin A |

## Disease

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- Abortion
- Adenocarcinoma
- Adrenal hyperplasia
- Alzheimer disease
- Anorexia Nervosa
- Asperger Syndrome
- Atherosclerosis
- Autistic Disorder
- Beckwith-Wiedemann Syndrome
- Birth Weight
- Body Weight
- Brain Neoplasms
- Breast cancer
- Breast Neoplasms
- Bulimia
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Chorioamnionitis
- Coronary Artery Disease
- Diabetes Complications
- Diabetes Mellitus
- Disease Susceptibility
- Diseases in Twins

- Ductus Arteriosus

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- Eating Disorders
- Edema
- Esophageal Neoplasms
- Esophagitis
- Fetal Membranes
- Genetic Predisposition to Disease
- Glaucoma
- Hepatitis
- Hepatitis B
- HIV Infections
- Hyperandrogenism
- Hypertension
- Infant
- Insulin Resistance
- Kidney Failure
- Leiomyoma
- Liver Neoplasms
- Lung Neoplasms
- Lymphoma
- Melanoma
- Metabolic Diseases
- Metabolic Syndrome X
- Metabolism
- Metaplasia
- Mouth Neoplasms
- Muscular Diseases
- Neoplasms

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- Obesity
- Obstetric Labor
- Osteoporosis
- Ovarian cancer
- Ovarian Failure
- Ovarian Neoplasms
- Pain
- Pancreatic cancer
- Pancreatic Neoplasms
- Parkinson disease
- Polycystic Ovary Syndrome
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Prostate cancer
- Prostatic Neoplasms
- Puberty
- Pulmonary Disease
- Skin Neoplasms
- Social Perception
- Stomach Neoplasms
- Testicular Neoplasms
- Thrombophilia
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Urinary Calculi

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- Uterine Neoplasms
- Weight Gain
- Werner syndrome

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