IGF1 monoclonal antibody, clone IGF1/1020

Catalog # MAB21074 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human IGF1.
Immunogen	Recombinant protein corresponding to full length human IGF1.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells in 0.1 mL) Immunofluorescence (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to 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
- Flow Cytometry

Gene Info — IGF1

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Entrez GeneID	3479
Protein Accession#	P05019
Gene Name	IGF1
Gene Alias	IGFI
Gene Description	insulin-like growth factor 1 (somatomedin C)
Omim ID	147440 608747
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is similar to insulin in function and structure and is a member of a family of proteins involved in mediating growth and development. The encoded protein is proce ssed from a precursor, bound by a specific receptor, and secreted. Defects in this gene are a cau se of insulin-like growth factor I deficiency. Several transcript variants encoding different isoforms have been found for this gene
Other Designations	insulin-like growth factor 1|somatomedin C

Pathway

- Focal adhesion
- Glioma
- Hypertrophic cardiomyopathy (HCM)
- Long-term depression
- Melanoma
- mTOR signaling pathway
- p53 signaling pathway
- Pathways in cancer
- Prostate cancer

Disease

- Abortion

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- Adenocarcinoma
- Adenoma
- Albuminuria
- Alzheimer disease
- Anorexia Nervosa
- Arteriosclerosis
- Asperger Syndrome
- Atherosclerosis
- Autistic Disorder
- Barrett Esophagus
- Birth Weight
- Body Weight
- Bone Diseases
- Brain Neoplasms
- Breast cancer
- Breast Diseases
- Breast Neoplasms
- Bronchopulmonary Dysplasia
- Bulimia
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Cerebrovascular Accident
- Chorioamnionitis
- Colon cancer
- Colonic Neoplasms

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- Colonic Polyps
- Colorectal Neoplasms
- Connective Tissue Diseases
- Coronary Artery Disease
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Retinopathy
- Disease Progression
- Drug Toxicity
- Ductus Arteriosus
- Dwarfism
- Edema
- Esophageal Neoplasms
- Esophagitis
- Fetal Diseases
- Fetal Growth Retardation
- Fetal Membranes
- Fractures
- Genetic Predisposition to Disease
- Glucose Intolerance
- Growth Disorders
- Hepatitis
- Hip Fractures
- Hypercholesterolemia
- Hyperplasia
- Hypertension

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- Hypertrophy
- Infant
- Infection
- Inflammation
- Insulin Resistance
- Kidney Failure
- Laron Syndrome
- Liver Cirrhosis
- Liver Neoplasms
- Lung Neoplasms
- Lymphoma
- Malignant melanoma
- Melanoma
- Metabolic Syndrome X
- Metaplasia
- Microsatellite Instability
- Multiple Myeloma
- Muscular Diseases
- Musculoskeletal Diseases
- Myocardial Infarction
- Myopia
- Neoplasm Invasiveness
- Neoplasm Metastasis

- Neoplasms
- Obesity

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- Obstetric Labor
- Osteoarthritis
- Osteoporosis
- Ovarian cancer
- Ovarian Failure
- Ovarian Neoplasms
- Pain
- Pancreatic cancer
- Pancreatic Neoplasms
- Polycystic Ovary Syndrome
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Prostate cancer
- Prostatic Hyperplasia
- Prostatic Neoplasms
- Puberty
- Pulmonary Disease
- Rectal Neoplasms
- Retinopathy of Prematurity
- Scoliosis
- Shoulder Fractures
- Skin Diseases
- Social Perception
- Subarachnoid Hemorrhage
- Testicular Neoplasms

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- Thrombophilia
- Thyroid Diseases
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Weight Gain
- Werner syndrome
- Wrist Injuries

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