

IGF1R polyclonal antibody (A01)

Catalog # H00003480-A01

Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant IGF1R.
Immunogen	IGF1R (NP_000866, 761 a.a. ~ 870 a.a) partial recombinant protein with GST tag.
Sequence	DTYNITDPEELETEYPFFESRVDNKERTVISNLRPFTLYRIDIHSCNHEAEKLGCSASN FVFARTMP AEGADDIPGPVTWEPRPENSIFLKWPEPENPNGLILMYEIKYG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — IGF1R

Entrez GeneID	3480
GeneBank Accession#	NM_000875
Protein Accession#	NP_000866
Gene Name	IGF1R

Gene Alias	CD221, IGFIR, JTK13, MGC142170, MGC142172, MGC18216
Gene Description	insulin-like growth factor 1 receptor
Omim ID	147370
Gene Ontology	Hyperlink
Gene Summary	This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. [provided by RefSeq]
Other Designations	soluble IGF1R variant 1 soluble IGF1R variant 2

Pathway

- [Adherens junction](#)
- [Colorectal cancer](#)
- [Endocytosis](#)
- [Focal adhesion](#)
- [Glioma](#)
- [Long-term depression](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)

Disease

- [Abortion](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Alzheimer disease](#)
- [Anemia](#)

- [Aneuploidy](#)
- [Atherosclerosis](#)
- [Bacteremia](#)
- [Barrett Esophagus](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Bone Diseases](#)
- [Brain Ischemia](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Esophagitis](#)
- [Fetal Growth Retardation](#)

- [Fetal Membranes](#)
- [Gastroesophageal Reflux](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Growth Disorders](#)
- [Head and Neck Neoplasms](#)
- [Hyperplasia](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Intracranial Arteriosclerosis](#)
- [Kidney Failure](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Metaplasia](#)
- [Microsatellite Instability](#)
- [Multiple Myeloma](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Pancreatic Neoplasms](#)

- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Retinopathy of Prematurity](#)
- [Schizophrenia](#)
- [Skin Neoplasms](#)
- [Spinal Diseases](#)
- [Stomach Neoplasms](#)
- [Stroke](#)
- [Testicular Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)