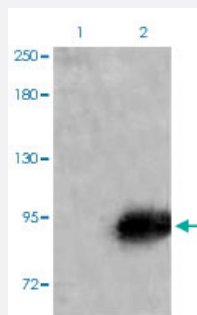


IGF1R (phospho Y1165/Y1166) polyclonal antibody

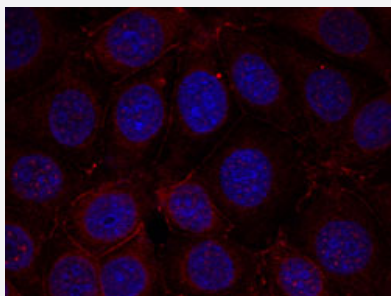
Catalog # PAB29602 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Lane 1: 293 cells, Lane 2: Insulin treated 293 cells with IGF1R (phospho Y1165/Y1166) polyclonal antibody (Cat# PAB29602) at 1:500-1:1000 dilution.



Immunofluorescence

Immunofluorescent staining of methanol-fixed MCF-7 cells using IGF1R (phospho Y1165/Y1166) polyclonal antibody (Cat# PAB29602) at 1:100-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of human IGF1R.
Immunogen	A synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding Y1165/Y1166 of human IGF1R.
Host	Rabbit
Theoretical MW (kDa)	200, 95
Reactivity	Human, Mouse, Rabbit
Specificity	IGF1R (phospho Y1165/Y1166) polyclonal antibody detects endogenous level of IGF1R only when phosphorylated at tyrosine 1165/tyrosine 1166.

Form	Liquid
Purification	Affinity Chromatography
Recommend Usage	Immunofluorescence (1:100-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: 293 cells, Lane 2: Insulin treated 293 cells with IGF1R (phospho Y1165/Y1166) polyclonal antibody (Cat# PAB29602) at 1:500-1:1000 dilution.

- Immunofluorescence

Immunofluorescent staining of methanol-fixed MCF-7 cells using IGF1R (phospho Y1165/Y1166) polyclonal antibody (Cat# PAB29602) at 1:100-1:200 dilution.

Gene Info — IGF1R

Entrez GeneID	3480
Protein Accession#	P08069
Gene Name	IGF1R
Gene Alias	CD221, IGFI, 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 Designationssoluble 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](#)