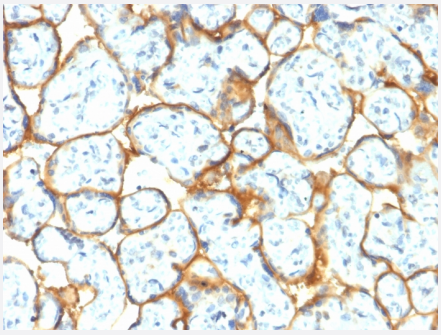
RecomAb™ Sm Size

INSR recombinant monoclonal antibody, clone INSR/2277R

Catalog # RAB08884 Size 20 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta with INSR recombinant monoclonal antibody, clone INSR/2277R (Cat # RAB00499).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against partial recombinant human INSR.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to extracellular domain of human INSR.
Theoretical MW (kDa)	135
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide)

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Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta with INSR recombinant monoclonal antibody, clone INSR/2277R (Cat # RAB00499).

Gene Info — INSR

Entrez GeneID	3643
Protein Accession#	P06213
Gene Name	INSR
Gene Alias	CD220, HHF5
Gene Description	insulin receptor
Omim ID	147670 246200 262190 609968 610549
Gene Ontology	Hyperlink
Gene Summary	After removal of the precursor signal peptide, the insulin receptor precursor is post-translationally cleaved into two chains (alpha and beta) that are covalently linked. Binding of insulin to the insulin receptor (INSR) stimulates glucose uptake. Two transcript variants encoding different isoforms ha ve been found for this gene. [provided by RefSeq
Other Designations	-

Pathway

- Adherens junction
- Insulin signaling pathway
- Type II diabetes mellitus

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Disease

- Acanthosis Nigricans
- Adenomatous Polyps
- Anorexia Nervosa
- Atherosclerosis
- Breast cancer
- Breast Neoplasms
- Bulimia
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Colorectal Neoplasms
- Coronary Artery Disease
- Coronary Disease
- Coronary Restenosis
- Diabetes Mellitus
- Drug Toxicity
- Edema
- Genetic Predisposition to Disease
- Hepatitis
- Hyperandrogenism
- Hypercholesterolemia
- Hyperinsulinism
- Hypertension
- Hypertriglyceridemia

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- Insulin Resistance
- Kidney Failure
- Lung Neoplasms
- Metabolic Syndrome X
- Migraine Disorders
- Migraine with Aura
- Myocardial Infarction
- Neoplasms
- Obesity
- Ovarian cancer
- Ovarian Failure
- Ovarian Neoplasms
- Polycystic Ovary Syndrome
- Pre-Eclampsia
- Prostatic Neoplasms
- Puberty
- Pulmonary Disease
- Thinness
- Thrombophilia
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Werner syndrome

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