

IL1R1 rabbit monoclonal antibody

Catalog # H00003554-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human IL1R1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human IL1R1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human IL1R1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — IL1R1

Entrez GeneID	3554
GeneBank Accession#	IL1R1
Gene Name	IL1R1
Gene Alias	CD121A, D2S1473, IL-1R-alpha, IL1R, IL1RA, P80
Gene Description	interleukin 1 receptor, type I
Omim ID	147810
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This protein is a receptor for interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I (IL1R1/IL1RA). It is an important mediator involved in many cytokine induced immune and inflammatory responses. This gene along with interleukin 1 receptor, type II (IL1R2), interleukin 1 receptor-like 2 (IL1RL2), and interleukin 1 receptor-like 1 (IL1RL1) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. [provided by RefSeq]
Other Designations	OTTHUMP00000161344 antigen CD121a interleukin 1 receptor alpha, type I interleukin receptor 1

Pathway

- [Apoptosis](#)
- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)
- [MAPK signaling pathway](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Acute Disease](#)

- [Albuminuria](#)
- [Alcoholism](#)
- [Alveolar Bone Loss](#)
- [Alveolitis](#)
- [Alzheimer disease](#)
- [Anemia](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bone Resorption](#)
- [Brain Ischemia](#)
- [Bronchiolitis](#)
- [Cadaver](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cerebrovascular Disorders](#)
- [Chlamydophila Infections](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Common Variable Immunodeficiency](#)
- [Connective Tissue Diseases](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)

- [Coronary Restenosis](#)
- [Coronary Stenosis](#)
- [Crohn Disease](#)
- [Cystic fibrosis](#)
- [Dengue](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Endometriosis](#)
- [Epilepsy](#)
- [Esophageal Neoplasms](#)
- [Esophagitis](#)
- [Fatigue Syndrome](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Gout](#)
- [Graft vs Host Disease](#)
- [Graves Disease](#)
- [Graves Ophthalmopathy](#)
- [Head and Neck Neoplasms](#)

- [Helicobacter Infections](#)
- [Hematologic Diseases](#)
- [Hematuria](#)
- [Hemorrhagic Fever with Renal Syndrome](#)
- [Hepatitis B](#)
- [HIV Seropositivity](#)
- [Hodgkin Disease](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Idiopathic Pulmonary Fibrosis](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Intervertebral Disk Displacement](#)
- [Irritable Bowel Syndrome](#)
- [Laryngeal Neoplasms](#)
- [Leptospirosis](#)
- [Leukemia](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoproliferative Disorders](#)
- [Malaria](#)
- [Meningococcal Infections](#)
- [Mental Disorders](#)

- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)
- [Mouth Neoplasms](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Osteoarthritis](#)
- [Osteolysis](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pain](#)
- [Parasitemia](#)
- [Paratyphoid Fever](#)
- [Pemphigus](#)
- [Periodontal Attachment Loss](#)
- [Periodontal Diseases](#)
- [Periodontitis](#)

- [Pharyngeal Neoplasms](#)
- [Postoperative Complications](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prosthesis Failure](#)
- [Proteinuria](#)
- [Psoriasis](#)
- [Pulmonary Fibrosis](#)
- [Q Fever](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Schizophrenia](#)
- [Scleroderma](#)
- [Seizures](#)
- [Sepsis](#)
- [Skin Diseases](#)
- [Skin Ulcer](#)
- [Spondylitis](#)
- [Stomach Neoplasms](#)
- [Stroke](#)
- [Thyroiditis](#)

- [Tuberculosis](#)
- [Typhoid Fever](#)

- [Urinary Bladder Neoplasms](#)

- [Urinary Calculi](#)

- [Venous Thrombosis](#)

- [Waldenstrom Macroglobulinemia](#)

- [Werner syndrome](#)