

NOD2 rabbit monoclonal antibody

Catalog # H00064127-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NOD2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NOD2 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 NOD2 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 — NOD2

Entrez GeneID	64127
GeneBank Accession#	NOD2
Gene Name	NOD2
Gene Alias	ACUG, BLAU, CARD15, CD, CLR16.3, IBD1, NLRC2, NOD2B, PSORAS1
Gene Description	nucleotide-binding oligomerization domain containing 2
Omim ID	181000 186580 266600 605956 607507
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the Nod1/Apaf-1 family and encodes a protein with two caspase recruitment (CARD) domains and six leucine-rich repeats (LRRs). The protein is primarily expressed in the peripheral blood leukocytes. It plays a role in the immune response to intracellular bacterial lipopolysaccharides (LPS) by recognizing the muramyl dipeptide (MDP) derived from them and activating the NFkB protein. Mutations in this gene have been associated with Crohn disease and Blau syndrome. [provided by RefSeq]
Other Designations	NLR family, CARD domain containing 2 NOD-like receptor C2 OTTHUMP00000164224 caspase recruitment domain family, member 15 caspase recruitment domain protein 15 inflammatory bowel disease protein 1 nucleotide-binding oligomerization domain 2 nucleotide-bin

Disease

- [Abscess](#)
- [Acquired Hyperostosis Syndrome](#)
- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Anus Diseases](#)
- [Arthritis](#)
- [Arthropathy](#)
- [Asthma](#)

- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Autoimmune Diseases](#)
- [Bacteremia](#)
- [Bacterial Infections](#)
- [Behcet Syndrome](#)
- [Bipolar Disorder](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Bronchiolitis Obliterans](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cholangitis](#)
- [Cholelithiasis](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Conjunctivitis](#)

- [Connective Tissue Diseases](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Cross Infection](#)
- [Delayed Graft Function](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [Duodenal Diseases](#)
- [Edema](#)
- [Encephalitis](#)
- [Encephalomyelitis](#)
- [Enterocolitis](#)
- [Erythema Nodosum](#)
- [Esophageal Neoplasms](#)
- [Eye Diseases](#)
- [Familial Mediterranean fever](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Fibrosis](#)
- [Gastritis](#)
- [Genetic Diseases](#)

- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Graft vs Host Disease](#)
- [Granuloma](#)
- [Granulomatous Disease](#)
- [Growth Disorders](#)
- [Helicobacter Infections](#)
- [HELLP Syndrome](#)
- [Hematologic Diseases](#)
- [Hematologic Neoplasms](#)
- [Hemochromatosis](#)
- [Hyperplasia](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Ileal Diseases](#)
- [Ileitis](#)
- [Immune System Diseases](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Intestinal Fistula](#)
- [Intestinal Obstruction](#)
- [Irritable Bowel Syndrome](#)
- [Kidney Diseases](#)

- [Leprosy](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Parkinson disease](#)
- [Periodontal Pocket](#)
- [Periodontitis](#)
- [Peritonitis](#)
- [Postoperative Complications](#)
- [Pouchitis](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)

- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Psoriasis](#)
- [Pulmonary Disease](#)
- [Pulmonary Fibrosis](#)
- [Rectal Fistula](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rheumatic Diseases](#)
- [Rhinitis](#)
- [Sarcoidosis](#)
- [Sepsis](#)
- [Sex Chromosome Aberrations](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Spondylarthritis](#)
- [Spondylarthropathies](#)
- [Spondylitis](#)
- [Stomach Diseases](#)
- [Stomach Neoplasms](#)
- [Substance-Related Disorders](#)
- [Syndrome](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uveitis](#)

- [Vaginosis](#)
- [Vision](#)
- [Wegener Granulomatosis](#)
- [Werner syndrome](#)