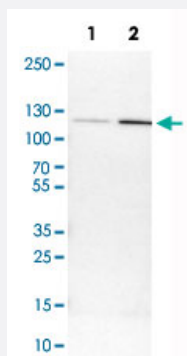


NLRP3 monoclonal antibody, clone CL0210

Catalog # MAB15562 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Lane 1: RT-4 and Lane 2: U-251 MG cell lysates with NLRP3 monoclonal antibody, clone CL0210 (Cat # MAB15562).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human NLRP3.
Immunogen	Recombinant protein corresponding to human NLRP3.
Epitope	This antibody binds to an epitope located within the peptide sequence EKAKRDEPKW as determined by overlapping synthetic peptides.
Sequence	FKMHLEDYPPQKGCIPLRGQTEKADHVDLATLMIDFNGEEKAWAMAVWIFAAINRRDLYEKAKRDEPKWGSDNARVSNPTVICQEDSIEEEWMGLLEYLSRISICKMKKDYRKKYR
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage 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: RT-4 and Lane 2: U-251 MG cell lysates with NLRP3 monoclonal antibody, clone CL0210 (Cat # MAB15562).

Gene Info — NLRP3

Entrez GeneID	114548
Protein Accession#	Q96P20
Gene Name	NLRP3
Gene Alias	AGTAVPRL, AII, AII/AVP, AVP, C1orf7, CIAS1, CLR1.1, FCAS, FCU, FLJ95925, MWS, NALP3, PYPAF1
Gene Description	NLR family, pyrin domain containing 3
Omim ID	120100 191900 606416 607115
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a pyrin-like protein containing a pyrin domain, a nucleotide-binding site (NBS) domain, and a leucine-rich repeat (LRR) motif. This protein interacts with the apoptosis-associated speck-like protein PYCARD/ASC, which contains a caspase recruitment domain, and is a member of the NALP3 inflammasome complex. This complex functions as an upstream activator of NF-κB signaling, and it plays a role in the regulation of inflammation, the immune response, and apoptosis. Mutations in this gene are associated with familial cold autoinflammatory syndrome (FCAS), Muckle-Wells syndrome (MWS), chronic infantile neurological cutaneous and articular (CINCA) syndrome, and neonatal-onset multisystem inflammatory disease (NOMID). Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. Alternative 5' UTR structures are suggested by available data; however, insufficient evidence is available to determine if all of the represented 5' UTR splice patterns are biologically valid. [provided by RefSeq]
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Other Designations

All/AVP receptor-like|NACHT domain-, leucine-rich repeat-, and PYD-containing protein 3|NACH
T, LRR and PYD containing protein 3|OTTHUMP00000038408|OTTHUMP00000038409|OTTHU
MP00000038410|PYRIN-containing APAF1-like protein 1|angiotensin/vasopressin receptor

Disease

- [Amyloidosis](#)
- [Anaphylaxis](#)
- [Arthritis](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Autoimmune Diseases](#)
- [Behcet Syndrome](#)
- [Candidiasis](#)
- [Cardiovascular Diseases](#)
- [Chlamydia Infections](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Hypersensitivity](#)
- [Edema](#)
- [Fallopian Tube Diseases](#)
- [Familial Mediterranean fever](#)
- [Food Hypersensitivity](#)
- [Genetic Predisposition to Disease](#)

- [Hematologic Neoplasms](#)
- [HIV Infections](#)
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- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Mycoplasma Infections](#)
- [NARP](#)
- [Recurrence](#)
- [Syndrome](#)
- [Vulvar Vestibulitis](#)