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12-90484: Anti-NLRP3 antibody(1B11), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	1B11
Application :	ELISA
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	NLRP3
Uniprot ID :	Q96P20
Alternative Name :	AGTAVPRL;AII;AVP;C1orf7;CIAS1;CLR1.1;DFNA34;FCAS;FCAS1;FCU;KEFH;MWS;NALP3;PYPAF1
Isotype :	Rabbit mAb

Description

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-kappaB 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, Oct 2008]

Product Info

Amount :	100 µg / 10 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Application Note

ELISA 1/5000-10000

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

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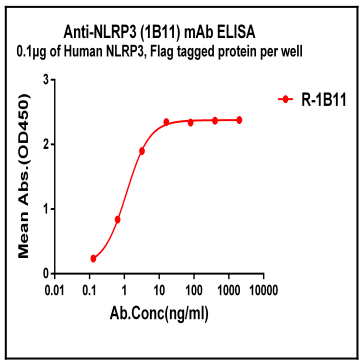


Figure 1. ELISA plate pre-coated by 1 μg/ml (100 μl/well) Human NLRP3 Protein can bind Rabbit anti-NLRP3 monoclonal antibody(clone: 1B11) in a linear range of 0.1-10 ng/ml.

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