

## PRODUCT INFORMATION

<b>Clone ID</b>	1B11
<b>Target</b>	NLRP3
<b>Synonyms</b>	AGTAVPRL;All;AVP;C1orf7;CIAS1;CLR1.1;DFNA34;FCAS;FCAS1;FCU;KEFH;MWS;NALP3;PYPAF1
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-NLRP3 antibody(1B11), Rabbit mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q96P20
<b>IgG type</b>	Rabbit mAb
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA 1/5000-10000
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	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.
<b>Background</b>	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- $\kappa$ B 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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



## Anti-NLRP3 (1B11) mAb ELISA

0.1 $\mu$ g of Human NLRP3, Flag tagged protein per well

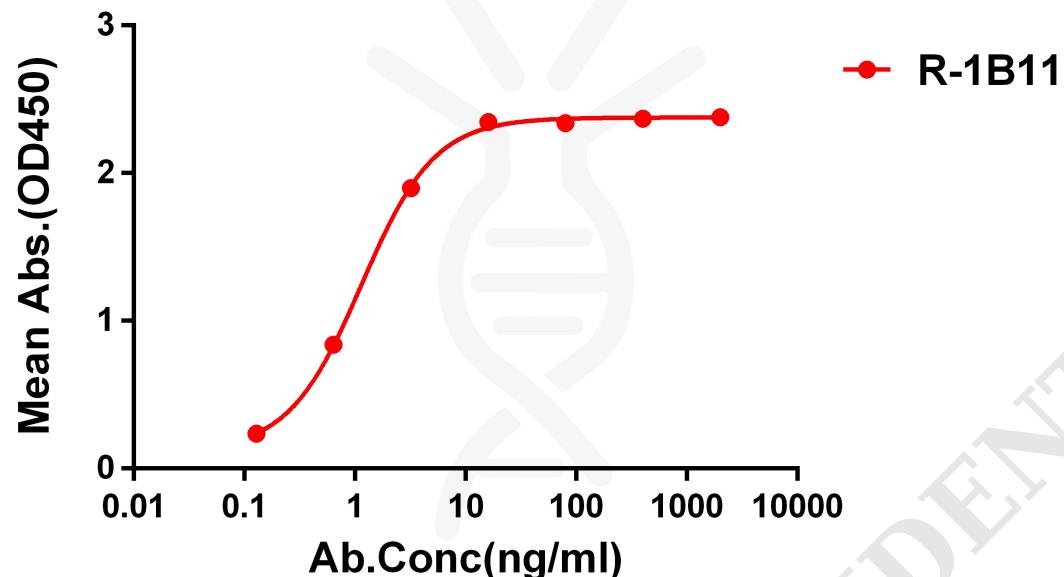


Figure 1. ELISA plate pre-coated by 1  $\mu$ g/ml (100  $\mu$ l/well) Human NLRP3 Protein can bind Rabbit anti-NLRP3 monoclonal antibody(clone: 1B11) in a linear range of 0.1-10 ng/ml.

