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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NLRP3 monoclonal antibody (MA01), clone 3B1 (APC)

Catalog Number: H00114548-MA01

Regulation Status: For research use only (RUO)

Product Description: APC conjugated mouse monoclonal antibody raised against a partial recombinant NLRP3.

Clone Name: 3B1

Immunogen: NLRP3 (NP_004886, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MKMASTRCKLARYLEDLEDVDLKKFKMHLEDYPPQKG
CIPLPRGQTEKADHVDLATLMIDFNGEEKAWAMAVWI
FAAINRRDLYEKAKRDEPKWGSDNAR

Host: Mouse

Interspecies Antigen Sequence: Mouse (82); Rat (81)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Conjugation: APC

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to
avoid repeated freezing and thawing.

Entrez GeneID: 114548

Gene Symbol: NLRP3

Gene Alias: AGTAVPRL, AII, AII/AVP, AVP, C1orf7,
CIAS1, CLR1.1, FCAS, FCU, FLJ95925, MWS, NALP3,
PYPAF1

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-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]