



UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09884 - Goat Anti-Cryopirin / NALP3 / NLRP3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: AGTAVPRL, AII, AII/AVP, AII/AVP receptor-like, AVP, C1orf7, CIAS1, CLR1.1, FCAS, FCU, FLJ95925, MWS, NACHT domain-, leucine-rich repeat-, and PYD-containing protein 3, NACHT, LRR and PYD contain, NALP3, NLR family, pyrin domain containing 3, NLRP3

Official Symbol: NLRP3

Accession Number(s): NP_004886.3; NP_899632.1; NP_001120933.1;
NP_001120934.1

Human GeneID(s): [114548](#)

Important Comments: This antibody is expected to recognize all reported isoforms (NP_004886.3; NP_899632.1; NP_001120933.1; NP_001120934.1). Reported variants NP_001073289.1 and NP_004886.3 represent identical protein.

Immunogen

Peptide with sequence RDLYEKAKRDEPK-C, from the N-Terminus (near) of the protein sequence according to NP_004886.3; NP_899632.1; NP_001120933.1; NP_001120934.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

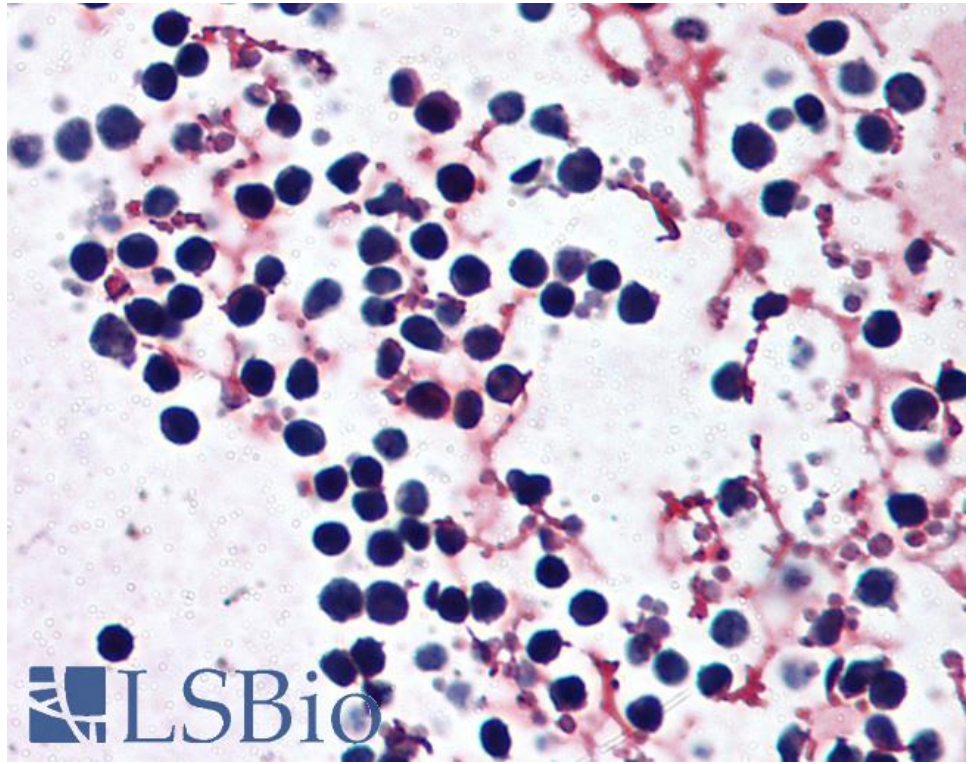
Western blot: Preliminary experiments gave an approx 36kDa band in Human Peripheral Blood Mononucleocytes lysates and in lysates of cell line MOLT4, after 0.3-1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the smallest calculated size of 106kDa according to NP_899632.1. The 36kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human peripheral blood leukocytes. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB09884 (5µg/ml) staining of paraffin embedded Human peripheral blood leukocytes. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.