

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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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 GenelD(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.

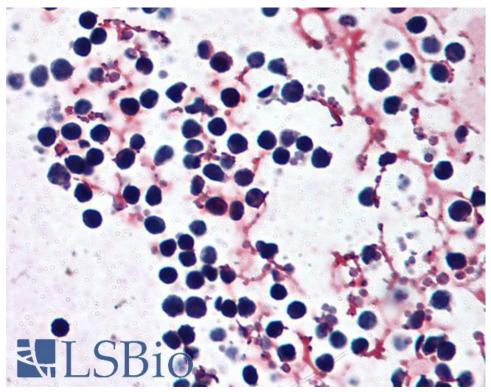
Western blot: Preliminary experiments gave an approx 36kDa band in Human Peripheral Blood Mononucleocytes lysates and in lysates of cell line MOLT4, after 0.3-1μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the smallest 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.