



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.**

EB07403 - Goat Anti-CARD15 / NOD2 (Internal) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CARD15, NOD2, caspase recruitment domain family, member 15, ACUG, BLAU, CD, IBD1, NOD2B, PSORAS1, LRR-containing protein, NOD2 protein, caspase recruitment domain protein 15, inflammatory bowel disease protein 1, nucleotide-binding oligomerization domain 2

Official Symbol: NOD2

Accession Number(s): NP_071445.1

Human GeneID(s): [64127](#)

Non-Human GeneID(s): 257632 (mouse), 291912 (rat)

Immunogen

Peptide with sequence KFRFTDRERHCSPTD, from the internal region of the protein sequence according to NP_071445.1.

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 1:64000.

Western blot: Approx 100kDa band observed in lysates of Human Peripheral Blood Mononucleocytes (calculated MW of 115kDa according to NP_071445.1). Recommended concentration: 0.1-0.3µg/ml. An additional band of unknown identity was also consistently observed at 60kDa. This band was successfully blocked by incubation with the immunising peptide.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



EB07403 (0.1 µg/ml) staining of Human Peripheral Blood Mononucleocyte lysate (35 µg protein in RIPA buffer).
Primary incubation was 1 hour. Detected by chemiluminescence.