

## UK Office

### Everest Biotech Ltd

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

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://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.