



## International Office

### Everest Biotech Ltd

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

## EB05389 - Goat Anti-NOD1 / CARD4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CARD4, caspase recruitment domain family, member 4, NOD1, Nod1, caspase recruitment domain 4

**Official Symbol:** NOD1

**Accession Number(s):** NP\_006083.1

**Human GeneID(s):** [10392](#)

### Immunogen

Peptide with sequence EAKVYEDEKRIICF, from the C Terminus of the protein sequence according to NP\_006083.1.

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:** Approx 85kDa band observed in Human Duodenum lysates (calculated MW of 107.6kDa according to NP\_006083.1). Recommended concentration: 0.5-1.5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



EB05389 (0.5 $\mu$ g/ml) staining of Human Duodenum lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.