



## International Office

### Everest Biotech Ltd

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

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

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

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

## EB13054 - Goat Anti-B7-H3 / CD276 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CD276, CD276 molecule, 4lg-B7-H3, B7-H3, B7H3, B7RP-2, B7 homolog 3, costimulatory molecule

**Official Symbol:** CD276

**Accession Number(s):** NP\_001019907.1; NP\_079516.1

**Human GeneID(s):** [80381](#)

### Immunogen

Peptide with sequence C-KHSDSKEDDGQE, from the C Terminus of the protein sequence according to NP\_001019907.1; NP\_079516.1.

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

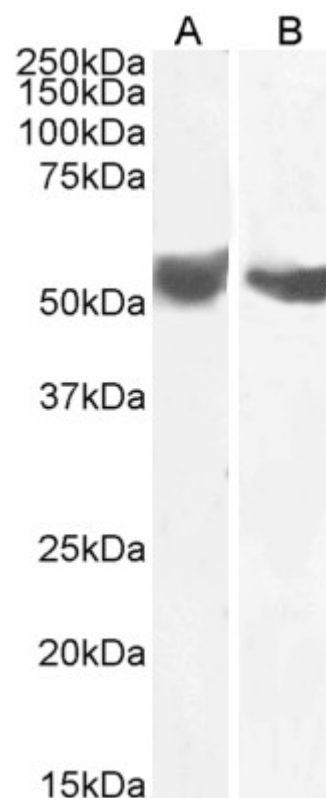
**Peptide ELISA:** antibody detection limit dilution 1:8000.

**Western blot:** Approx 55kDa band observed in Human Placenta and Testis lysates (calculated MW of 57.2kDa according to NP\_001019907.1). Recommended concentration: 0.1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB13054 (0.1 $\mu$ g/ml) staining of Human Placenta (A) and (2 $\mu$ g/ml) Testes (B) lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.