



## 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.**

## EB05529 - Goat Anti-Claudin 14 / CLDN14 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CLDN14, claudin 14, DFNB29, OTTHUMP00000109046, OTTHUMP00000109047, OTTHUMP00000109048, OTTHUMP00000109049

**Official Symbol:** CLDN14

**Accession Number(s):** NP\_036262.1

**Human GeneID(s):** [23562](#)

**Non-Human GeneID(s):** 56173 (mouse)

**Important Comments:** Reported variants represent identical protein (NP\_036262.1; NP\_652763.1; NP\_001139551.1; NP\_001139550.1 and NP\_001139549.1).

### Immunogen

Peptide with sequence C-SATHSGYRLNDYV, from the C Terminus of the protein sequence according to NP\_036262.1.

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 1:4000.

**Western blot:** Approx 23kDa band observed in Human Liver Lysate (calculated MW of 25.7kDa according to NP\_652763.1). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

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



EB05529 (0.3µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.