

### **International Office**

#### **Everest Biotech Ltd**

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

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

#### www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB10246 - Goat Anti-CADM1 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** BL2, cell adhesion molecule 1, DKFZp686F1789, IGSF4, IGSF4A, MGC149785, MGC51880, NECL2, Necl-2, RA175, sglGSF, ST17, SYNCAM, synCAM1,

TSLC1, TSLC1/Nectin-like 2/IGSF4, CADM1

Official Symbol: CADM1

Accession Number(s): NP\_055148.3; NP\_001091987.1

Human GeneID(s): 23705

Non-Human GenelD(s): 54725 (mouse), 363058 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP\_055148.3; NP\_001091987.1).

# **Immunogen**

Peptide with sequence C-NLQTQRYLEVQ, from the internal region of the protein sequence according to NP\_055148.3; NP\_001091987.1.

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 1:128000.

**Western blot:** Approx 60-65kDa double band observed in Human Colorectal cancer lysates (calculated MW of 48.5kDa according to NP\_055148.3). The observed sizes correspond to glycosylated forms. Recommended concentration: 1-3µg/ml.

### **Species Reactivity**

Tested: Human

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB10246 ( $1\mu g/ml$ ) staining of Human Colorectal cancer lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.