



## 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.**

## EB08040 - Goat Anti-CADM4 (internal) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CADM4, cell adhesion molecule 4, IGSF4C, Necl-4, TSL2, synCAM4, TSLC1-like 2, immunoglobulin superfamily, member 4C, nectin-like 4

**Official Symbol:** CADM4

**Accession Number(s):** NP\_660339.1

**Human GeneID(s):** [199731](#)

**Non-Human GeneID(s):** 260299 (mouse)

### Immunogen

Peptide with sequence C-KDERFQLEEFS, from the internal region of the protein sequence according to NP\_660339.1.

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 1:16000.

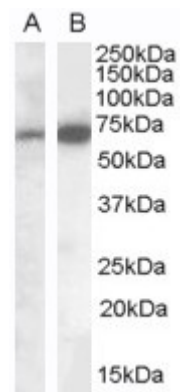
**Western blot:** Approx 70kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 42.8kDa according to NP\_660339.1). The observed molecular weight corresponds to findings with EB08194, a product of different design reacting to a different part of the same protein. Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Thymus and Skeletal Muscle. Recommended concentration: 2.5µg/ml.

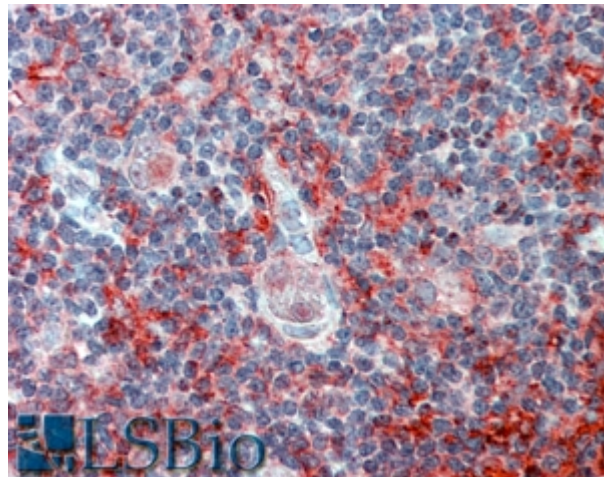
### Species Reactivity

**Tested:** Human

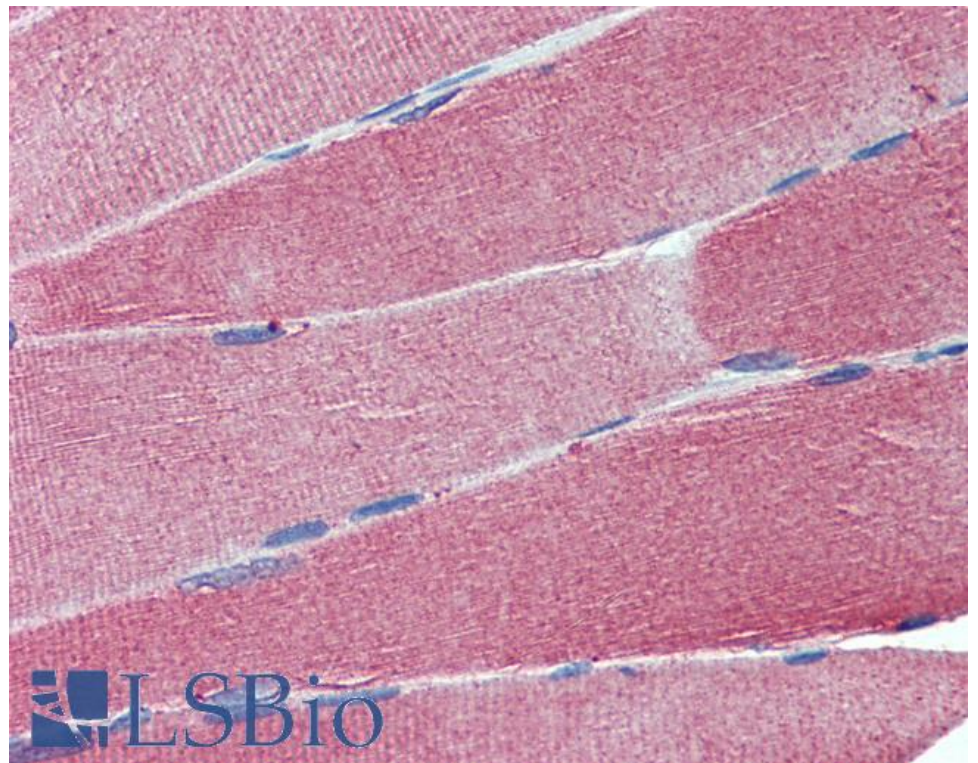
**Expected from sequence similarity:** Human, Mouse, Rat



Staining of Human Brain (Cerebellum) lysate (35µg protein in RIPA buffer). A) EB08040 (0.1µg/ml) and B) EB08194 (0.05µg/ml). Detected by chemiluminescence.



EB08040 (2.5µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB08040 (2.5µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.