



## 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.**

## EB08727 - Goat Anti-TCF4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** TCF4, transcription factor 4, E2-2, ITF2, MGC149723, MGC149724, PTHS, SEF2, SEF2-1, SEF2-1A, SEF2-1B, transcription factor-4 (immunoglobulin transcription factor-2)

**Official Symbol:** TCF4

**Accession Number(s):** NP\_001077431.1 ; NP\_003190.1

**Human GeneID(s):** [6925](#)

**Important Comments:** This antibody is expected to recognise the reported isoforms a and b (NP\_001077431.1; NP\_003190.1)

### Immunogen

Peptide with sequence C-NGGHPSPSRNYGDGT, from the internal region of the protein sequence according to NP\_001077431.1 ; NP\_003190.1 .

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

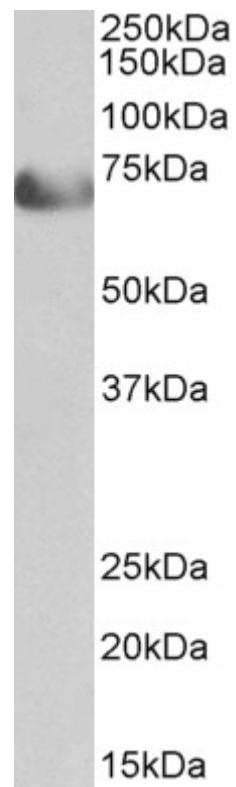
**Peptide ELISA:** antibody detection limit dilution 1:16000.

**Western blot:** Approx 70kDa band observed in Human Heart lysates (calculated MW of 71.3kDa according to NP\_003190.1). Recommended concentration: 0.5-1.5µg/ml.

### Species Reactivity

**Tested:** Human

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



EB08727 (0.5µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.