



## 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.**

## EB05503 - Goat Anti-ELF3 / ERT/ ESX Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ELF3, ERT, E74-like factor 3 (ets domain transcription factor, epithelial-specific), EPR-1, ESE-1, E74-like factor 3 (ets domain transcription factor), ets domain transcription factor, serine box (epithelial-specific), E74-like factor 3 (ETS domain transcription factor, serine box, epithelial-specific)

**Official Symbol:** ELF3

**Accession Number(s):** NP\_004424.2

**Human GeneID(s):** [1999](#)

### Immunogen

Peptide with sequence C-SGWKEEEVLQSRN, from the C Terminus of the protein sequence according to NP\_004424.2.

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

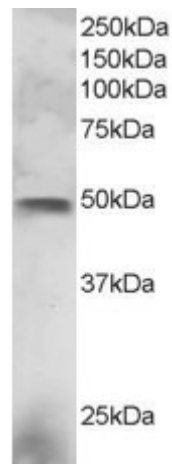
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 48 kDa band observed in NCI-H460 lysate (calculated MW of 41.5kDa according to NP\_004424.2). In transfected HEK293 transiently expressing ELF3 a band of approx. 40kDa is observed. This band is not observed in the non-transfected HEK293. Recommended for use at 2-4µg/ml.

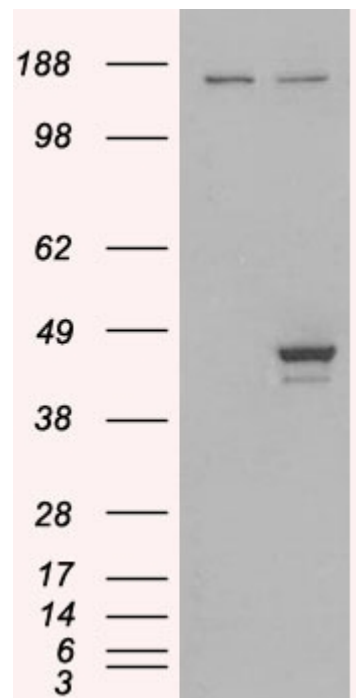
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB05503 staining (3µg/ml) of NCI-H460 lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



HEK293 overexpressing ELF3 (RC200631) and probed with EB05503 (mock transfection in first lane), tested by Origene.