



## 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.**

## EB05113 - Goat Anti-GRAP2 / GRID / Grf40 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GRAP2, GRID, P38, GADS, GRPL, GrbX, Mona, GRB2L, GRBLG, GRAP-2, GRB2-related adaptor protein 2, GRB-2-like protein, SH3-SH2-SH3 adaptor molecule, growth factor receptor-binding protein, GRB2-related protein with insert domain, hematopoietic cell-associated adaptor protein GRPL, growth factor receptor-bound protein 2-related adaptor protein 2, RP3-370M22.1, Grf40, Mona

**Official Symbol:** GRAP2

**Accession Number(s):** NP\_004801.1

**Human GeneID(s):** [9402](#)

**Non-Human GeneID(s):** 17444 (mouse)

### Immunogen

Peptide with sequence C-GLFPANYVAPMTR, from the C Terminus of the protein sequence according to NP\_004801.1.

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

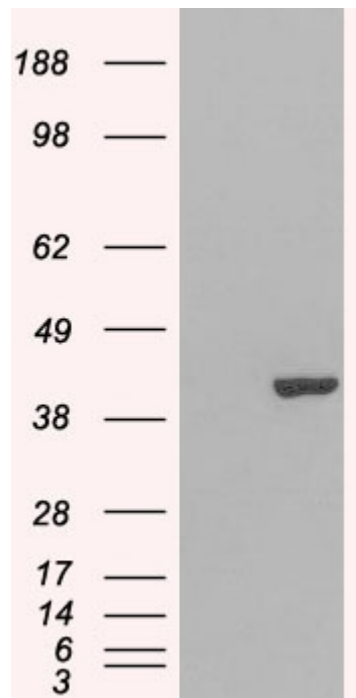
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 38kDa band observed lysates of cell line Jurkat (calculated MW of 37.9kDa according to NP\_004801.1). In transfected HEK293 transiently expressing GRAP2 a band of approx. 40kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 1-3µg/ml.

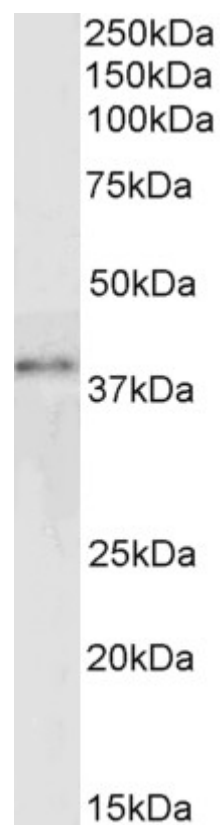
### Species Reactivity

**Tested:** Human

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



HEK293 overexpressing GRAP2 (RC206546) and probed with EB05113 (mock transfection in first lane), tested by Origene.



EB05113 (0.3 µg/ml) staining of Jurkat lysate (30 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.