

#### **International Office**

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

Customer Service: <u>customerservice@vectorlabs.com</u> Technical Service: <u>technical@vectorlabs.com</u>

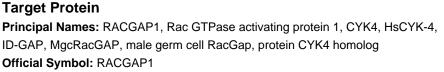
Tel: +1 (800) 227-6666

www.everestbiotech.com

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# EB05315-B - Goat Anti-RACGAP1 / MgcRacGAP, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Accession Number(s): NP\_037409.2; NP\_001306934.1; NP\_001306935.1; NP\_001306936.1

#### Human GeneID(s): 29127

Important Comments: This antibody is expected to recognize all reported isoforms (NP\_037409.2; NP\_001306934.1; NP\_001306935.1; NP\_001306936.1). Reported variants represent identical protein: NP\_001306928.1, NP\_001119576.1, NP\_037409.2, NP\_001306931.1, NP\_001306929.1, NP\_001119575.1, NP\_001306932.1, NP\_001306933.1

### Immunogen

Peptide with sequence CGRQGNFFASPMLK., from the C Terminus of the protein sequence according to NP\_037409.2; NP\_001306934.1; NP\_001306935.1; NP\_001306936.1.

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.

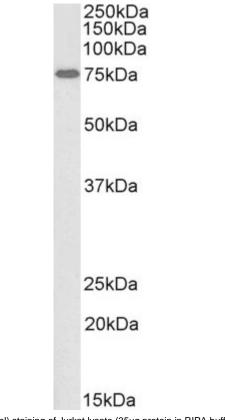
# **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:8000.

**Western blot:** Approx 75kDa band observed in lysates of cell line Jurkat (calculated MW of 71.0kDa according to NP\_037409.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

## **Species Reactivity**

Tested: Human Expected from sequence similarity: Human, Dog, Cow



Biotinylated EB05315 (1µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.