



International Office

Everest Biotech Ltd

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

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

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

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RACGAP1, Rac GTPase activating protein 1, CYK4, HsCYK-4, ID-GAP, MgcRacGAP, male germ cell RacGap, protein CYK4 homolog

Official Symbol: RACGAP1

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_001306930.1, NP_001306933.1

Immunogen

Peptide with sequence CGRQGNFFASPMK., 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.