



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

Size: 100µg specific antibody in 200µl



### UK Office

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

### 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 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 (1 $\mu$ g/ml) staining of Jurkat lysate (35 $\mu$ g 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.