



## UK Office

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

## EB05067-B - Goat Anti-ORC4L, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** HSORC4, ORC4, origin recognition complex subunit 4, ORC4L, ORC4P, origin recognition complex, subunit 4 homolog, origin recognition complex, subunit 4 (yeast homolog)-like, Origin recognition complex, subunit 4, S. cerevisiae, homolog-like, origin recognition complex, subunit 4-like (yeast)

**Official Symbol:** ORC4

**Accession Number(s):** NP\_002543.2; NP\_001177810.1; NP\_001177811.1

**Human GeneID(s):** [5000](#)

**Non-Human GeneID(s):** 26428 (mouse), 295596 (rat)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_002543.2; NP\_001177810.1; NP\_001177811.1). Reported variants represent identical protein: XP\_011509557.1, NP\_002543.2, NP\_001177808.1, NP\_859526.1, NP\_859525.1 Reported variants represent identical protein: XP\_006712619.1, NP\_001177810.1

### Immunogen

Peptide with sequence C-DVRQWATSSLSWL., from the C Terminus of the protein sequence according to NP\_002543.2; NP\_001177810.1; NP\_001177811.1.

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.

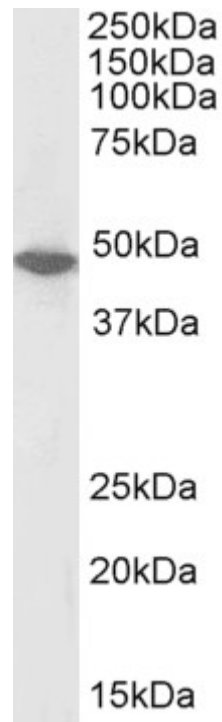
**Western blot:** Approx 48kDa band observed in Jurkat nuclear lysates (calculated MW of 50.4kDa according to NP\_002543.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

**Chromatin immunoprecipitation:** reported by a customer to work very well in ChIP.

### Species Reactivity

**Tested:** Human, Mouse

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



Biotinylated EB05067 (0.1µg/ml) staining of Jurkat nuclear 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.