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

## EB08292 - Goat Anti-MC2R / ACTHR Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MC2R, ACTHR, melanocortin 2 receptor (adrenocorticotrophic hormone), MGC125798, ACTH receptor, MC2 receptor, adrenocorticotrophic hormone receptor, corticotropin receptor, melanocortin 2 receptor

**Official Symbol:** MC2R

**Accession Number(s):** NP\_000520.1

**Human GeneID(s):** [4158](#)

### Immunogen

Peptide with sequence ENINNTARNNSDC, from the N Terminus of the protein sequence according to NP\_000520.1.

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

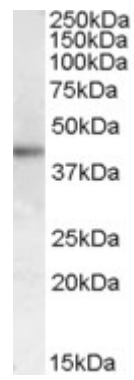
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 40kDa band observed in Human Skin lysates (calculated MW of 33.9kDa according to NP\_000520.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Kilianova et al, Endocrinology. 2006 May;147(5):2325-37; PMID: 16497811). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB08292 (1µg/ml) staining of Human Skin lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.