



## International Office

### Everest Biotech Ltd

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

## EB12140 - Goat Anti-MC4R Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MC4R, melanocortin 4 receptor, MC4-R, melanocortin receptor 4

**Official Symbol:** MC4R

**Accession Number(s):** NP\_005903.2

**Human GeneID(s):** [4160](#)

**Important Comments:** The immunizing peptide represents extracellular part of the protein

### Immunogen

Peptide with sequence NSTHRGMHTSLH-C, from the N Terminus of the protein sequence according to NP\_005903.2.

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 1:16000.

**Western blot:** Preliminary experiments in Human Brain, Colon, Duodenum, Ileum and Placenta lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml).

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human