



## International Office

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

## EB09898 - Goat Anti-OSMR Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MGC150626, MGC150627, MGC75127, oncostatin M receptor, OSMRB, OSMR

**Official Symbol:** OSMR

**Accession Number(s):** NP\_003990.1; NP\_001161827.1; NP\_001310435.1; NP\_001310436.1

**Human GeneID(s):** [9180](#)

**Non-Human GeneID(s):** 18414 (mouse)

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

### Immunogen

Peptide with sequence C-QIHGEQLDPHVT, from the internal region of the protein sequence according to NP\_003990.1; NP\_001161827.1; NP\_001310435.1; NP\_001310436.1.

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 1:128000.

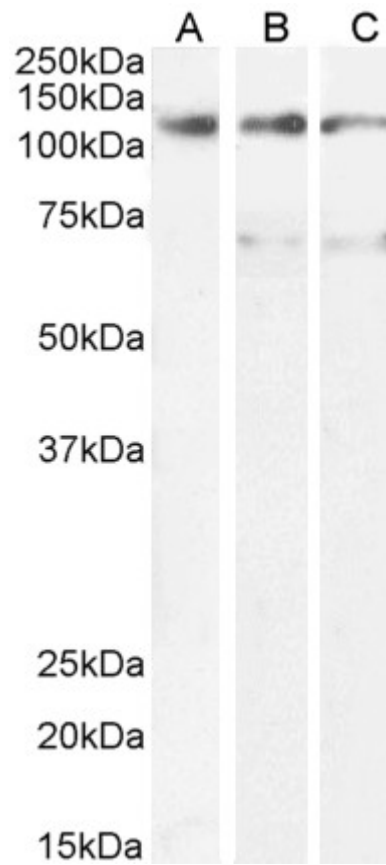
**Western blot:** Approx 125kDa band observed in lysates of cell line U937 and approx 70+125kDa in lysates of cell line A431 and HepG2 (calculated MW of 111kDa according to NP\_003990.1 (isoform 1) and NP\_001310435.1 (isoform 3), and 66.0kDa according to NP\_001310436.1 (isoform 4)). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

**Flow Cytometry:** Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

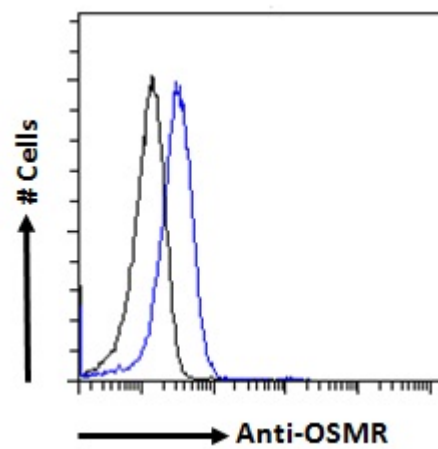
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB09898 (1 $\mu$ g/ml) staining of U937 (A) and (0.3 $\mu$ g/ml) A431 (B) and HepG2 (C) cell lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB09898 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (1 $\mu$ g/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.