

For Research Use Only

# OSMR Recombinant antibody

Catalog Number: 84555-1-RR



## Basic Information

**Catalog Number:**

84555-1-RR

**Size:**

100ul , Concentration: 1000 µg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1426

**GenBank Accession Number:**

BC010943

**GeneID (NCBI):**

9180

**UNIPROT ID:**

Q99650

**Full Name:**

oncostatin M receptor

**Calculated MW:**

110 kDa

**Observed MW:**

150-180 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

241865A6

**Recommended Dilutions:**

WB 1:500-1:2000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : HeLa cells, A375 cells, HepG2 cells

## Background Information

Oncostatin M (OSM) is a member of interleukin-6 family cytokines that modulates proliferation and differentiation in numerous cells (PMID: 22982441). OSM signals via a receptor complex comprising gp130 and the OSMR (also referred to as OSMRβ) (PMID: 8999038). OSMR is a single-pass membrane protein that belongs to the type I cytokine receptor family. OSMR mRNA is expressed relatively high in all neural cells and fibroblast, epithelial, and various tumor cell lines (PMID: 8999038). It has also been shown that OSMR associates with IL31RA to form the heterodimeric IL31 receptor (PMID: 15184896). The predicted molecular weight of OSMR is 110 kDa, and bands of 150-180 kDa can also be detected (PMID: 8999038 ;34644107; 30226002; 9188471;22056139).

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

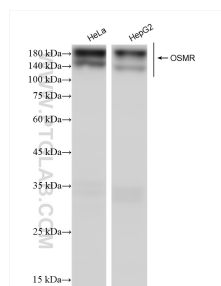
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84555-1-RR (OSMR antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.